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September 2014 * Volume 319

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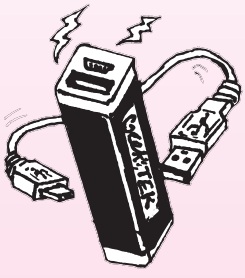

Pocket Phone Charger

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Page 41

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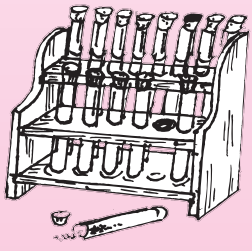
Page 63



Test Tube Spice Rack

Test tube thyme!

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Vacuum Motor

Nature abhors these!

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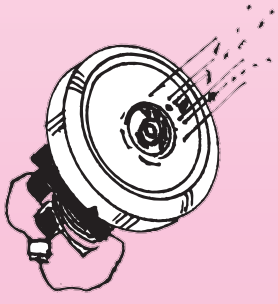
Page 48



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CONTENTS

Great Deals! 3
Adult & Kid Toys 16-19
Arts & Crafts 10-11
Batteries & Power 44-45
Communications & Electronics 40-42
Containers 26-29
Electrical Parts & Switches 46
Drives & Wheels 47
Hardware 50-51
House & Garden 4-9
Kits & Models 12-15
Lab Supplies & Equipment 34-37
Lamps, Sockets & Wiring 43
Materials, Magnets 30-33
Military Surplus 38-39
Motors, Blowers & Pumps. 47-49
Office Supplies 23-25
Optics & Lenses 20-21
Out & About 52-55
School Items 22
Tools & Rotary 56-63

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Sorry, we are able to ship (and mail printed catalogs) only to the US, its territories and possessions, and APO or FPO addresses.

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Yes! All orders shipping outside the contiguous 48 states must use "AK-HI Only" shipping charges. All orders shipping outside the contiguous 48 states will ship via USPS (Priority Mail). That is the only permitted ship method for orders shipping outside the contiguous 48 states.

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Please use the table above to determine the shipping charges for your order. Additional information is found on the order form bound in the middle of this catalog. Please call 847-647-0011 with any questions. Thanks!

Welcome

to our American Science & Surplus catalog. Here you will find a unique mix of industrial, military and educational items, with an emphasis on science and education. We supply a wide range of unusual and hard-to-find items (some say bizarre stuff) to the hobbyist, tinkerer, artist, experimenter, home educator, do-it-yourselfer, and bargain hunter. Our items are great gifts, inexpensive supplies, and an endless reason for a giggle or a "Gee whiz!" We try to be scrupulously honest in presenting whatever we know about what we have, and always take it back, no questions asked, if the customer isn't satisfied with it. Please remember that we offer many more items than will fit on these pages. You can both peruse and purchase every item we have at our website: www.sciplus.com. Thank you for taking the time to browse our catalog. We appreciate your business.

Patrick Meyer, President

WE HAVE THOUSANDS MORE ITEMS AT SCIPLUS.COM

Frequently Asked Questions

What is surplus?

We buy closeouts, inventory overruns, mis-manufactures, and items whose time has not come. We can usually acquire these items on a one-time-only basis. When a surplus item is gone, it is gone. So if you see something you love, best get it now since we may not have it tomorrow. Our website is frequently updated with our inventory. If you see an item in our catalog, but cannot find it online, it means we have sold out of that item. If our stock of the item you have ordered is exhausted we will refund that portion of your remittance. When we can't find surplus, we may carry regular merchandise which we think those interested in learning and tinkering will find appealing, but only if we feel it is good quality at a fair price.

Can I return items?

Yes. We accept all returns without question and will either refund your purchase price or send you a replacement, as you chose. Returns must be made within 30 days of purchase. For complete details, please check the order form bound in the center of this catalog.

What forms of payment do you accept?

We accept Visa, MasterCard, Discover, checks and money orders. We are sorry to report that we cannot accept CODs, cash, stamps or gold. **If paying by check, please be aware that you are authorizing American Science & Surplus to use the information on your check to make a one-time electronic debit to your checking account. This electronic debit will be for the amount indicated on your check. If you do not have sufficient funds in you're account, a returned check fee may be debited from you account. If you have any questions, or choose not to have your check converted into an electronic item, please contact American Science & Surplus at (888) 724-7587.**

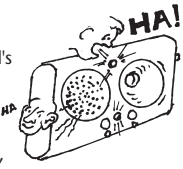
Do you have a minimum order requirement?

We regret that the costs of doing business preclude us from processing orders of less than $10.00 merchandise value (exclusive of shipping and handling). We will return orders of less than $10.00 merchandise value.

Additional information can be found on the order form bound in the middle of this catalog.

GREAT DEALS!

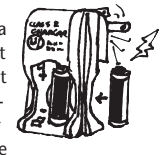
Talk Like A Munchkin



Talk like a munchkin and save the world's helium supply at the same time with extremely cool digital audio recorder with a pitch-change wheel for playback. Also distorts in the slowed down, ogre-ish direction. Approx (6) seconds recording time, but you'll be amazed how much you can say in that time, which is longer than helium lasts anyway. Measures 4" x 2-1/2" x 3/4" thick and includes a replaceable coin-cell battery. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94642 **Distorting Recorder** ~~**$14.95**~~**/each**
Special Price! **$12.95/each**

Low-Profile Charger



We like this battery charger a bushel and a peck, particularly for travel. It's a wall-mount with a plug that folds out of the way and it takes (4) rechargeable NiMH or NiCd batteries in "AA" or "AAA" (flip the little tab on either side to change sizes) or (2) of each at one time. Measures 4-3/8" tall x 1-5/8" square. UL.

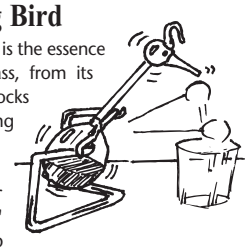
40964 **Battery Charger** ~~**$9.75**~~**/each**
Special Price! **$7.50/each**

De-Strapped Leather Case

Made for a camera, this black leather case is pretty near universal. Measures 7-1/2" wide x 6" x 4" with a fold-over top that has a small pouch and a snap closure. Opens to (2) inside pouches, (1) large & padded (camera-sized) and one wallet-like with a zippered compartment and (6) card slots. Has a belt loop on the back, and tabs for a shoulder strap on the side. The shoulder strap is missing (surplus!) but easy to add for resourceful folks like you.

42568 **Leather Camera Case** ~~**$12.50**~~**/each**
Special Price! **$9.50/each**

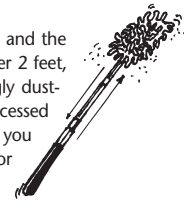
The Platonic Drinking Bird



In the universe of ideal forms, this is the essence of drinking birds. All blown glass, from its frosted beak to the little stand it rocks in, it's the drinking bird's drinking bird. Transparent, with blue eyes, and we'll pick one with blue, red, green or some other color liquid inside. Stands 9-1/4" tall and sits in a 4" tall stand. Cup is not included, so use any glass, but you may have to adjust the height to facilitate the sipping. This is not a toy for kids. It's art, or poetry in motion, or something like that.

94937 **Glass Drinking Bird** ~~**$29.95**~~**/each**
Special Price! **$27.50/each**

Unto Dust We Shall Return



This microfiber duster starts out 11" long and the telescoping 4-draw handle extends to over 2 feet, if you count the headful of 1" long wiggly dust-busting fingers on top. Can you say recessed lighting? Ceiling fan? We'll select one for you in a flattering purple, line green, pink or light blue. Would also make a can't-miss baton for a high-school band director.

94601 **Zoom-Out Duster** ~~**$3.95**~~**/each**
Special Price! **$3.25/each**

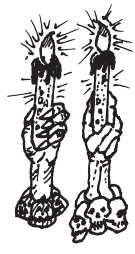
The Night Of The Flying Saucer

This UFO night light is your traditional flying saucer shape but a mere 3-1/8" dia (it's flown by very small aliens) with a large central dome and (4) smaller ones, all of which cycle red, green, blue and amber. A large bottom dome stays lighted in white to serve as an actual night light. The manufacturer felt compelled to say "THIS IS NOT A TOY" so we're passing that along.

42701 Saucer Night Light $3.75/each

NEW!

Designer Hallowe'en Candles



Look for these in your better shelter magazines and the style sections of newspapers this year. Our set of mid-century gothic flameless, glitter-filled LED Hallowe'en candles stand 8-1/2" tall. One is gripped by a green hand emerging from jack-o-lanterns and the other is held by a skeleton fist rising from a pile of skulls. A good way to class-up your holiday--any holiday, really. You get (3) button cell batteries in each.

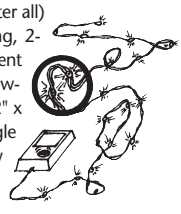
42916 Hallowe'en Candles $7.50/each

The Electric Butterflies

A failed folk-rock group from the Summer of Love? No, a trio of pretty lepidoptera oscillating through many colors via the magic of fiber optics. They have a 3" wingspread and sit on a 1-1/2" dia base that holds the (3) included and replaceable button-cell batteries inside. You'll get (3), at least (2) different, along with self-adhesive tape to stick them somewhere. We like them as party lights, but they'd also be great on a hat.

94668 Flashing Butterflies $5.95/pkg(3)

Extremely Itsy LEDs On A String



You get 35 (which is almost (3) dozen, after all) little bitsy beads of light on a 6-foot long, 2-strand copper wire. As small as incandescent grain-of-wheat lights, these LEDs are powered by (3) "AAA" batteries in a 3-1/2" x 2" x 3/4" thick plastic battery pack. A single push-button switch controls off/slow blink/fast blink/steady on, to meet your most festive needs. You pick red, green or white. You also buy the batteries.

93740	**LED Strand, Red**	**$14.95/each**
93741	**LED Strand, Green**	**$14.95/each**
93742	**LED Strand, White**	**$14.95/each**
92294	**"AAA" Alkaline Batteries**	**$1.95/pkg(4)**

Jolly Barry

Why does Roger always get the credit for the skull and crossbones pirate flag? We feel it is time to share and have elected Barry to the post because he just walked by the vast editorial department here at A.S.&S. (AKA "my desk") Our Jolly Barry flag is 3ft x 5 ft., black polyester with a reinforced edge containing grommets for flying. It has the traditional skull and crossbones in white with the added fillip that the skull is wearing an eye patch! Sail Away!!

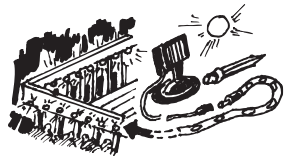
91520 Jolly Roger Flag $4.50/each

Bargain Light Show

Bring back the '70s for nine bucks. Screw this red-green-blue LED prismatic, rotating bulb into any standard medium-base light socket and your room turns into disco heaven. Bulb will stand about 5" above or below the socket. Draws approx 6W. CJ recommends any Donna Summer album for use with it.

94896 Disco Show Bulb $8.95/each

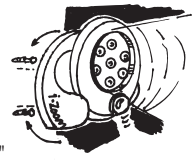
Solar Rope!



Those long boring nights spent recharging your rope lights are finally at an end. This 16-1/2 foot rope light is 3/8" dia with (50) white LEDs inside. Mount the 2" x 1-5/8" solar cell in the yard or on the deck, plug the rope in and (8) hours of sunlight will give you up to 12 hours of glowing rope when the sun goes down. Includes the rechargeable NimMH battery, ground stake and hardware. Has standard on/off or auto modes. Water & weather resistant and rated to last more than 100K hours.

94709 Solar Rope Lights $14.95/each

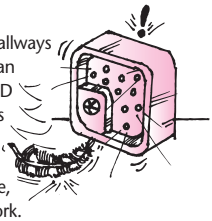
Don't Move!



Our wireless motion-sensing light has (7) bright white LEDs in a 3-1/8" dia mirrored face that throws light approx 15 feet. This makes it great for small rooms, large closets or gigantic doll houses. Housing is 4-3/4" x 4" x 2-1/8" in white plastic on a pivoting turntable that rotates 360 degrees. Detects motion within 10 feet, stays lit for approx 60 seconds, but also has an on-off switch. Battery housing (you add a quartet of "AA"s) is gasketed for water resistance. Includes mounting hardware. Made by i-Zoom®.

94796	**Motion Light**	**$9.95/each**
92293	**"AA" Alk Batteries**	**$1.95/pkg(4)**

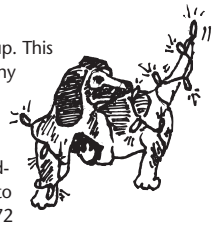
Don't Move!



Or the light will come on! Now your hallways at home can be just like a European hotel with our motion-sensitive LED light. No plug necessary, since it runs on (3) "AA" batteries (not included because we can't do everything, after all). Mounts via a 1/4" keyed screw hole, but double-sided tape would also work. Measures 2-3/8" sq x 1-1/2" thick and has (10) white LEDs in a white plastic housing. Lights up with motion approx 4 feet away.

93880	**Motion Light**	**$9.95/each**
92293	**"AA" Alkaline Batteries**	**$1.95/pkg(4)**

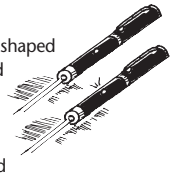
Light Yourself Up



No plugs needed to light yourself up. This 11-foot light strand with (20) tiny white LEDs is powered by (3) "AA" batteries tucked into an easy-to-conceal little box. Modes include off, flashing and steady-on, depending on just how festive you want to look. Battery life is projected to be 72 hours, which means you, or your poodle, palomino or Presidents Day centerpiece can be flashing for a whole 3-day weekend.

94460	**Battery LED String**	**$8.35/each**
92293	**"AA" Alkaline Batteries**	**$1.95/pkg(4)**

Everything But The Yellow



Our laser combo pack scores you two pen-shaped 5mW laser pointers, (1) each in stopping red and going green. These colors are also perfect for Christmas, St. Patrick's Day and St. Valentine's Day. Oh, and nautical situations. The housing is flat black or silver with a gold pocket clip and head. The 532nm Class IIIa green light is 5-5/8" long x 1/2" dia, with a momentary-on switch. It's brighter than the red so it's perfect for all daytime pointer needs. The red is 5-1/4" long, and its mellow red light makes it more suitable for board room presentations but we've thrown ours two blocks at night, no problem. Green or red, whatever you do, don't cross the streams. Each pointer takes (2) "AAA" batteries, which are included.

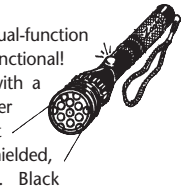
94901 Red & Green Laser Combo $22.95/each

Tootin' Our Laser

We don't like to brag, but it's tough not to in a case like this. This is a wonderful pen–shaped laser pointer, 5–1/4" long, flat black or silver with gold pocket clip and head. It throws a red point a loong way (we've thrown it two city blocks, and it would've gone farther, but buildings got in the way). And what are we so proud of? We've seen a very similar item–not identical, mind you, but essentially the same–in one of those glossy, toys–for–grown–men catalogs. Their price? $20! We're proud not to be profit-mongers; buy it here and you can take pride in your smart shopping habits. Batteries included.

91071 Red Laser Pointer $9.95/each

UV, LED, GITD



Lotta letters, because this is a great dual-function flashlight! Handy, waterproof, multifunctional! Measures a convenient 5-1/4" long, with a total of (16) LEDs: Turn on (10) super bright white or (6) ultraviolet (The best UV LEDS we've ever had!) with the shielded, glow-in-the-dark pushbutton switch. Black anodized aluminum body. Runs on (3) "AAA" batteries that are included. Includes a wrist strap and a black nylon case.

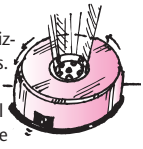
93996 UV-LED Light $8.50/each

The Ultra (Violet) Pocket Light

Our pocket-sized mini-flashlight has (8) ultraviolet LEDs and myriad uses, from checking for counterfeit U.S. currency to working the door at hip downtown clubs, spotting radiator and transmission fluid leaks, mineral identification, and (yes, it's true) finding scorpions in the dark. Measures 3-7/8" long x 1-1/8" hexagon, and comes with (3) "AAA" batteries for power and a canvas carrying case with a belt loop. You supply the scorpions.

93507 Mini-UV Flashlight $10.95/each

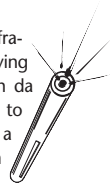
A Multifunctional Adjustable?



This rotating LED pedestal puts a little extra pizzazz in awards, displays, tchotchkes or cocktails. The package calls it the "ISO9001 Multifunctional Adjustable," and a "Crystal Rotary Slide Show" which we call a language problem, but it's still pretty slick. This black 4-1/2" dia x 1-3/4" tall display pedestal with a mirrored top has oscillating green, red, yellow and blue LEDs at the center. The whole shebang will turn at 1 rpm or sit still if you can't stand the excitement. Powered by (3) "AA" batteries that you buy, or by the included wall adapter.

94433 LED Pedestal $7.95/each
92293 "AA" Alkaline Batteries $1.95/pkg(4)

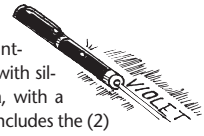
Green Laser Par Excellence!



Da Mare could use this to point out cracks in the infrastructure at Wrigley Field. You, having a forgiving nature, will resist the urge to point out cracks in da mayor's infrastructure. You will, of course, use it to point out chimney cracks to the tuck-pointer, a cracked limb to the tree-trimmer, and the crack in your profit picture during a slide presentation. You can do all that and much, much more with the bright light from this 5mW green laser pointer. It's an unbelievable tool. If you need a laser pointer that seems to go on forever and is so strong that you can actually see the beam in the dark, it will be the best low-cost investment you ever made. Or the coolest high-end toy. The 532nm Class IIIa light is 5-5/8" long x 1/2" dia, with (2) "AAA" batteries (included), a momentary-on switch, pocket clip, and case. An absolute necessity for construction, surveying, warehousing, inspection and other large sites. And for playing in the dark.

92512 5mW Green Laser Pointer $14.95/each

Sometimes Violets Is The Answer



Our common red or green pointer too blasé for you? Make your point violetly with one of these rare violet laser pointers. Its non-slip black rubberized case with silver accents is 6-1/8" long x 7/16"dia, with a momentary switch and a pocket clip. Includes the (2) "AAA" batteries you'll need. You're welcome.

94657 Violet Laser Pointer $14.95/each

NEW!

The Winter Of Our Disco Tent

Nothing says yippee like a disco ball, and since ours is battery-operated, you can take it camping. The motorized disco ball is 2-3/4" dia on a 3-5/8" dia base with (3) white LEDs around the perimeter for a light source. Sits on a table, hangs from any ferrous surface (turn your locker into a mini disco!) or use the keyed 3/16" mounting hole. You add a trio of "AA" batteries--and your sweet dance moves.

42843 Magnetic Disco Ball $7.95/each
92293 "AA" Alk Batteries $1.95/pkg(4)

Let The Sun Light Your Yard

Yes, the sun already lights your yard, but with this set of (100) solar-powered white LEDs, it will light up the yard at night, too. On a 40-foot cord attached to a solar cell and a NiMH rechargeable battery, it operates in steady-on or flashing modes. Eight-hour charge cycle. Internal sensor detects ambient light. Includes mounting hardware, mollies and a 7" mounting stake. Great for modeling or doll houses.

94916 Solar Yard Lights $19.75/each

Wee Black Light

Perfectly portable blacklight, with a bonus white LED flashlight on one end and a flip-out easel so you can stand it up while checking IDs, looking for art forgeries, or lighting a tiny dorm room. You add (4) "AA" batteries. The unit measures 6-1/4" x 2-1/8" x 3/4" thick with a wrist-strap. The UV-A bulb is replaceable.

93987 Portable Blacklight $6.95/each

The E-Library

We're thinking you'd need about 375 feet of bookshelves to store the books in this digital library, or 500 briefcases to carry them with you on vacation. Instead, this 1" x 1-1/2" x 3/8" thick plug-in drive, cleverly shaped like a teensy book, has the text of 3,000 classics for less than half a cent each, including Huckleberry Finn, Black Beauty, Great Expectations, all of Sherlock Holmes, a bunch of Charles Dickens and thousands of others in standard E-book format. All you need is a USB port and Windows 7, XP, SP2, or Vista (sorry, no Mac version). And be careful, it's not edit-protected, so hit the wrong key in A Tale of Two Cities and you could erase the French Revolution.

94758 Digital Library $13.75/each

Gear Up For The Past

Hey, steampunk! We got your bag-o-gears right here, mostly the sort of thing that went into clocks and watches before quartz crystals and cell phones, when stuff was much cooler. But wait. Don't plan on building an actual machine with these gears--they're strictly decorative. No one will know that, though, when these industrial beauties are hanging from a chain around your neck. You get about (20) gears and flywheels in sizes ranging from 1/4" to maybe 1-1/4" in brass, bronze and gold tones.

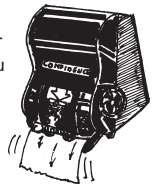
94893 Steampunk Gears $5.95/each

Jolly Caution Tape

From Martha Stewart (go figure) comes this black crime-scene-ish caution tape festooned with skulls & crossbones and CAUTION! in transparency on black. You get a 100-foot x 2-1/2" wide roll. Martha was thinking Halloween, but we like this for shipwrecks and generally menacing situations. Also, impromptu headbands.

42679 Black Caution Tape $4.95/each

Throw Away Your Towels



Your family will be more likely to wash their hands before returning to the kitchen if you have this motion-activated paper towel dispenser in the bathroom, just like in public restrooms across the country. Measures 16" x 12" x 10" in smoke-colored plastic, it operates on (3) D-cell batteries and takes 7.6" wide paper towels in rolls up to 700 feet. Includes a key, but a screwdriver will do when you lose the key, and has a time-delay adjustment to prevent over-use.Made in the USA by Stefco Industries (whence refills) it's the Confidence® Premium Dispenser model #92500 and conforms to ADA and HACCCP guidelines.

42714 Towel Dispenser ~~$24.50~~/each
New Lower Price! $17.50/each

Geodesic Light Fixture

Our LED lighting fixture has more patterns than our pattern-counting department could count. It oscillates through the primary colors, plus white with endless prismatic and gobo patterns. Insert a USB or SD card with your music on it and it'll play it. That's a personal sound and light show, friends. Sadly, no instructions, but you love a challenge, don't you? Measures 7-1/4" dia x 6" deep with a geodesic pattern surface and a remote control. Keyed mounting wings on each side. Plugs into a standard wall outlet.

94842 Magic Ball Light Show $29.95/each

This One Got A Big Hand

If you can still tell time on an analog alarm clock--the "big hand-little hand"--method, you might want to stick this retro item on your nightstand or take it with you on a trip because it's small enough to travel. Measures 4" tall with a quartz movement, a second hand and an alarm hand that you just turn. No buttons to hold down to see when the alarm is set for, no flashing when the power goes out and no menu! Clock frame comes in light gray, red, black or blue (our choice). You buy the one "AA" battery it needs.

42511 Analog Clock $2.95/each
92293 "AA" Alk Batteries $1.95/pkg(4)

Clever Idea #763

This idea is for the birds. Literally. A green plastic perch, dish, and dispenser that you can screw onto an inverted plastic pop bottle to convert it into a bird feeder. Obviously, the bottle should have been emptied of pop and filled with seed. One of those "100 things to do with old coat hangers" ideas that really works!! Complete with instructions and bail to hang the completed feeder.

89308 Wild Bird Feeder $2.95/each

Insecticidal Solar Accent Light

Looks like a mini version of an old street lamp, but it's solar powered with rechargeable batteries, and it makes a lovely accent light in the garden. It's also a killing machine, using that solar power to zap the bugs that are heading for your neck. Measures 6" across x 8" tall (14" tall mounted) in black plastic and can be hung or mounted on the included 3-piece stake.

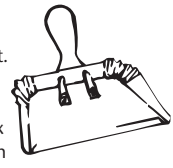
94761 Bug Zapper Lamp $9.95/each

Zip-A-Dee-Doo-Dad

The manufacturer calls it the Quik Fix Zipper but they obviously don't pay a copywriter to create dumb puns. So...it's the Zip-a-dee-doo-dad, a set of (3) replacement zipper tabs/sliders in graduated sizes (#3, #5, & #7) that come apart so you can slip then onto a zipper and tighten them with a little thumbscrew. Handy for busted jackets and sleeping bags. Even handier for pants. Removeable and re-usable.

94759 Zip-A-Dee-Doo-Dad $5.75/each

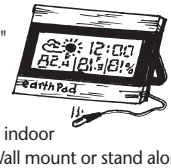
Super Scooper



This dustpan will sweep you off your feet. Forget those wimpy plastic jobs - if this had a longer handle, it would qualify as a shovel. It is enameled steel, 17" wide x 10" deep, with a slight retaining lip 3/4" in from the front edge. The handle is an 8" tubular loop, shaped to let you get a good grip on it with it's bright orange no-slip grip coating. It's industrial equipment, but perfect for your basement or garage, or for cleaning up after your St. Bernard.

33407 Dustpan $9.25/each

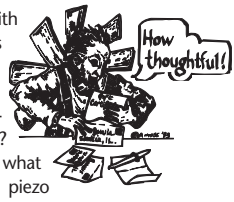
Climate Change Alert!



Our smallest weather station is just 5-1/8" square x 3/4" deep with a 56" long wired outdoor temp probe. Displays indoor and outdoor temps plus min/max, time (with alarm and snooze), day, date, indoor humidity and weather condition trend. Wall mount or stand alone, it's brushed aluminum with a black center. From EarthPad™

42726 Weather Station $14.95/each

GIFT CERTIFICATES !!



Twelve-year old Tommy is a whiz with kits and models—but who knows which one he wants? Tommy's teacher creates great art and craft projects—but who knows what off-the-wall materials will inspire her? And Grandpa Sam! Who knows what motors or bearings or resistors or piezo speakers he wants? Or what in tarnation he wants them for? Doesn't matter! Give them all gift certificates! Just select whatever combination adds up to the amount of the gift you want to give, for mail orders include the name of the recipient (write extra legibly, please). We'll send you or him or her one of these handy gifts, complete with our signature sketch of Jarvis. (No charges for shipping and handling on a gift certificate, but those will be charged on the order against which the certificate is redeemed.)

31870	**Gift Certificate, $10**	**$10.00/each**
31880	**Gift Certificate, $25**	**$25.00/each**
42516	**Gift Certificate, $100**	**$100.00/each**

Jarvis Mugs

Devoted surpies and the scientifically minded everywhere can be seen sipping their hot beverages from these staggeringly impressive white ceramic mugs with our name, web address, slogan and an inspirational picture of Jarvis on the side. Each holds 11 oz of liquid, dozens of pencils, or (372) button-cell batteries, not included.

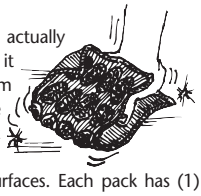
94001	**Jarvis Mug**	**$4.95/pkg(2)**

Big Soft Mitt

We love this big square chenille washing mitt. It's chartreuse, so it goes with everything, and has a gazillion inch-long microfiber fingers for washing, dusting and polishing mittout der scratching your stuff. Measures 9" long x 8" wide with an elastic wrist. Hate housework, or don't want to wash your car or boat? Add eyes and it's a very strange hand-puppet, or just buy two and wear them as gloves when you want to left alone on the bus.

41803	**Microfiber Mitt**	**$5.75/each**

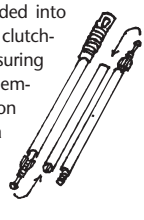
Super-Soft Cloths



"Micro Fiber Colths," is what the label actually says. We love surplus, especially when it means perfectly good merchandise from folks who can't spell so good. These cloths were marketed for car care, but you can use them to dust and polish pretty near anything, particularly delicate surfaces. Each pack has (1) 14" x 7" and (1) 14" square cloth. Both are as soft as baby blankets. And both feature "efficiency of Micro Fiber for perfect wiping."

39066	**Micro Fiber Cloths**	**$2.95/each**

Broom Est Divisa In Partes Tres



Like all Gaul, this steel broom handle is divided into three parts. The 19" long parts have threaded clutches to connect to one another, ultimately measuring 49-1/2" long x approx 13/16" dia when assembled. In white with a molded plastic handle on the end, it's perfect for people without a broom closet, painting contractors, traveling witches or fussbudget campers. Standard thread so all you add is the head.

42221	**Three-Piece Handle**	**$4.50/each**

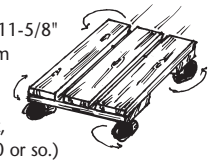
SURPRISE!

Mystery boxes of stuff like what you see in the catalog. Maybe we had a little left but not enough to continue the listing. Maybe we only got a few as part of an odd lot. Maybe we lost some, and just found them in the warehouse. You will get items which originally listed for at least $25.00 total in our catalog (or would have, if we had enough). You pick. The "electro-mechanical" box has things like motors, switches, hardware and components that are useful parts but want to be worked into something bigger. The "consumer" box has more ready-to-go type items, and things that don't have as technical a flavor, like bottles, toys, books, and giant rubber bands. The fun is in the mystery and surprise. Perfect if you don't know what to give Aunt Maude and Uncle Ned, or if you can't decide how to bring your order up to the minimum. Every couple of months the contents will keep changing, so even if you have gotten a box before, feel free to order again!!

23607	**Elect. Mech. Hardware Box**	**$10.00/box**
23610	**Consumer Box**	**$10.00/box**

NEW!

Hello Dolly



Nice little unfinished pine dolly, 11-5/8" square on (4) 1-1/4" dia swivel stem black plastic casters. We're thinking movable plant stand or a pair mounted under a toy box. (Says 210-lb limit, but the smart money would stop at 50 or so.)

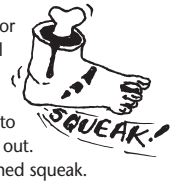
95014	**Wodden Swivel Dolly**	**$4.75/each**

Hand-held Swiper

As seen it on TV! Called THEEASYWIPE, this window cleaner has a 14" long pivoting handle ending in a 5" x 3-1/2" pad with a removable and machine-washable microfiber cover. It's designed to clean glass with just water and to fit easily into that tricky space where the inside of your windshield meets the dashboard. Works for back windows, too. Even works in trucks. And houses.

94078	**Glass Wiper**	**$3.95/pkg(2)**

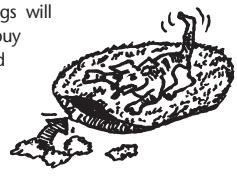
The Zomboni



Our very best zombie-foot chew toy for dogs and cats measures 5-7/8" long heel to toe (that's a zombie child's size 8) in classic undead green with bone and blood tones plus a phalanx bone (toe to you) and an inaccurate fibula sticking out. Emits the universal squeaky toy high-pitched squeak.

94961	**Zombie Foot**	**$9.95/each**

Fido Sleeps On A Fake Sheep



Your smaller, yappy little dogs will get all misty-eyed when you buy them this unfilled oval pet bed originally sold by the Targeters and made of a genuine phony polyester sheepskin, which smells better than the real thing (as you can imagine). Fillable, for your more sensitive mutts, through a 5"' long opening that's eminently sew-up-able. Measures 25" long x 19" across and is, like your dog, washable.

42740	**Sheepish Dog Bed**	**$5.95/each**

Perpetual Motion

Spin this spindle and watch it turn in perpetuity!! Well, for a long time anyway. Inside the 5-1/2" long colored plastic spindle are magnets which are repelled by magnets in the 5" x 3" black plastic base. The variously colored spindle floats in the air above the base thus virtually free of normal friction. Nifty desk toy named "Revolution". ⚠WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

89340	**Lighted Revolution**	**$9.95/each**

Radiometer

Another oldie but goodie. 5" high evacuated clear glass stand 3" in diameter at the top. A four bladed vane is balanced on a needle inside the sphere. Because opposite surfaces of the vanes are black and white, incident radiant energy is absorbed or reflected to a different degree. The result is a spinning vane. The brighter the light, the faster it spins. Simple, but compelling. Brief explanatory instruction sheet included.

3817	**Radiometer**	**$13.95/each**
3817P2	**2 Pack SAVINGS!**	**$23.95/pkg(2)**

Mirage Maker

Absolutely incredible device! A precision optical instrument that creates three dimensional images of objects of your choice where there is nothing. Drop pennies, keys or similar small objects (your sister won't fit) into the 2-3/8" dia opening of this 9" dia x 3" high flying saucer shaped disc, and a perfect image of the object will appear floating above it. The image is so real friends will try to grasp it, but their fingers will close on thin air! Use it as a high tech centerpiece with a flower as the object! A booklet (included) explains the magic. New coating provides protection for the mirror surfaces. Highly recommended. ⚠WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

88375	**Mirage**	**$39.95/each**

A Little Lightning

Despite parental advice, here's a good reason to sit in a dark room and think small. This Plasma Storm isn't as large as a standard plasma ball, so not only is it much more affordable - the effect is concentrated and startling. When turned on, the 3" dia clear globe (think baseball size) fills with blue stems that flare to pink, looking like dozens of electric flowers searching for a way out. Very Cool. Comes on a black-plastic base with an on/off switch, and has a 6-ft power cord with transformer.

92222	**Plasma Storm**	**$15.95/each**

Critters Crossing

Welcome to AS&SDOT, the better department of transportation. We provide all the highway, driveway, hallway, deck or bathroom crossing signs that the government neglects to post because they don't know what's really crossing your path. Mount your very own well-made indoor/outdoor critter-crossing sign. Each is metal, 12" square with a graphic depiction of the critter(s), realistic or otherwise, and each hangs diagonally from a pre-drilled 1/4" hole.

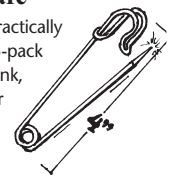
94016	**Bigfoot Crossing**	**$12.95/each**
94956	**Atom Smash Sign**	**$12.95/each**
94950	**Dinosaur Crossing**	**$12.95/each**
94951	**Free Web Sign**	**$12.95/each**
94948	**Mermaid Crossing**	**$12.95/each**
94949	**Cat Crossing**	**$12.95/each**

Drinking Bird

You're buying the drinks and this wacky, yet debonair, bird with a top hat and plastic base (7" tall OA) can't get his fill of water. Get him started, and he dips his beak into your glass repeatedly. How? Fluid inside his glass body condenses from the evaporative cooling of the water off the bird's beak, making it top heavy and dunking it back into the water. The condensate rejoins the liquid pool in the bird's bulb, and he tips up again. Process continues indefinitely. It works, but it's not any more than moderately well made, and not any more than moderately priced. WARNING! The fluid and dye inside the bird can permanently stain, and the bird's glass body can easily be broken. Children are fascinated by the bobbing bird, and the educational possibilities are great. But they should watch him, not fondle him!! Manufacturer warning states this item is not intended for children 8 and under. ⚠WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

3808	**Drinking Bird**	**$5.95/each**
3808P3	**3-Pack SAVINGS!**	**$15.75/pkg(3)**

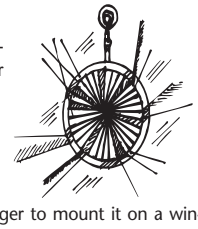
Big, Beautiful & Perfectly Safe



These big, 4" long steel safety pins are practically jewelry in their own right. You pick from a 5-pack in assorted colors (gold, black, metallic pink, blue, green or others) or the 12-pack in your standard safety pin silver. Perfect for closing buttonless sweaters and tops or securing scarves in fascinating configurations.

94251	**Five Colorful Pins**	**$4.50/each**
94623	**Twelve-Pin Pack**	**$3.50/each**

Dancing Colors



Hang this holographic prism in the window for delicate, changing color effects. As the sun shines through, it throws splashes of red, yellow, green, blue, violet and more around the room. The glass disc is 4–1/8" dia x 1/4" thick with a chrome-look frame. Comes with a suction cup hanger to mount it on a window. (Find a way to make it rotate for an especially cool effect!)

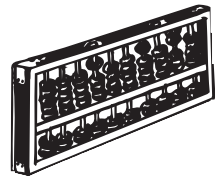
92429	**Rainbow Window**	**$14.95/each**

Hello Dali

Direct from Salvador Dali's Persistence of Memory, here's your very own melting clock, made to drip off the edge of a bookshelf or mantel. Measures 6-3/4" x 4-3/4" x 5-1/4" in white, black and chrome-ish plastic (because it melts easier). You add (1) "AA" battery.

94367	**Time Warp Clock**	**$12.95/each**
92293	**"AA" Alkaline Batteries**	**$1.95/pkg(4)**

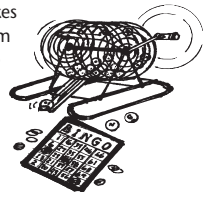
Computer Revolt



Tired of being beholden to the computer mega-corporations? Get back to basics with the original computer. This fine wood abacus is approximately 9-3/4" x 4-3/4", with (13) sets of (5) balls and (13) sets of (2). Computing speed is considerably slower than even an old 286, but then it's guaranteed to never need rebooting. Instructions included. Made in China, naturally.

91132	**Abacus**	**$8.95/each**

And Bingo Was His Name-O



Run your very own high-stakes Bingo parlor and win money from your grandmother. This deluxe set includes an all-metal 8" tall x 4" wide spinner cage, (75) 5/8" dia numbered balls, (150) chips, (19) Bingo cards, and a 2-piece drawn-ball holder.

42309 Deluxe Bingo Set $9.50/each

Get Nailed and Relax!

Try this Hedgehog nail mattress to relieve headaches, back and foot pain, stiffness, nervousness, sleeplessness, and (for half of you) menstrual pain. It might even boost your energy! They swear by these things in the Far East and suddenly they're all the rage in our stressed-out West. Nail points are plastic and almost as sharp as puppy teeth--so be still. They're affixed to a cushion covered in 100 percent cotton approx 25" long x 16" wide x 3/4" thick, in a calming olive green.

42360 Nail Mattress $7.50/each

NEW!

Garden Like A Kangaroo

Hands-free deadheading is now possible with this 19" wide x 44" long green nylon apron with dumping pouch. Hang it around your neck and waist and double the bottom up with the built-in ring. Fill it with garden trash, then release the ring and drop everything into the trash. Equally handy when gathering discarded socks and underwear from thoughtless children and husbands.

42839 Trash-Dumping Apron $7.50/each

Critter Hammock

You say your kiddle's got more stuffed creatures than a muppet warehouse? Get 'em off the floor with this 48" x 36" corner critter hammock. Includes (16) plastic hooks and a 5-foot link-chain, plus (3) mounting mollies. (Chain can also be used to hang a tower of toys.) Fuzzy-toy safe, but won't hold actual children. And if your kids are too old for fuzzy toys, let 'em use this as a can't-miss hamper so you don't have to pick up their socks. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

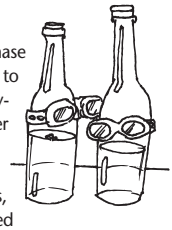
42192 Critter Hammock $4.75/each

High Kicks Times Six

It's our first holiday ornament with (3) Radio City Rockettes kicking their legs over their heads while wearing little green Santa's helper outfits & perky smiles. These were once "Your Gift from Vaseline Intensive Care®" (retail value $15!) but they're ours now, and they can be yours for 3-1/2 bucks for (2) ornaments, a total of (6) girls and (12) legs, which makes it less than 30 cents per gam. And for $28 you could have as many Rockettes as Radio City has for the Christmas show. Glue 'em together & line 'em up on the mantel.

41261 Rockette Ornaments $3.50/pkg(2)

Imbibing Eyewear



In what might well be our dumbest purchase ever (this means you, Pat) we are happy to offer you these rubber lens-free motorcycle-ish goggles made to slip onto your beer bottle or can to distinguish it from other bottles and cans. Actually, they're perfect for anything in cans or bottles: sodas, sports drinks, waters, energy drinks, iced coffees...if you can drink it, you can goggle it. This makes these things great for parties of all types, from raging keggers to kids' birthdays. Our each is, of course, a 6-pack, (1) each in pink, orange, yellow, neon green, dark green and black. They might also fit a cat, but not without a fight. Send pics if you dare to go there.

94963 6-Pack Beer Goggles $7.95/each

NEW!

Better Cooking Through Chemistry

As molecular gastronomy runs wild, kitchens are essentially becoming laboratories anyway, aren't they? Why not make it official with this handsome test tube spice rack? Includes (6) 25mm x 150mm tubes and (7) 18mm x 150mm tubes, all made of borosilicate glass with cork stoppers. Upright, two-level storage rack is approx 9-1/2" wide by approx 3-3/8" deep in blond wood, with (6) drying posts. Top row of tubes reaches approx 10" above whatever the rack is sitting on. You'll be the only one on the block to display your parsley and sage openly in real lab test tubes. What you do in private with your rosemary is your own business.

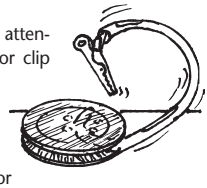
43059 Test Tube Spice Rack $24.50/each

Keep Your Pants On

The Loop Wizard, as seen on television, is a just-flexible-enough nylon threading needle that lets you pull the drawstring back through that skinny slot on your hoodie, sweatpants, swimsuit, jacket or pajama bottoms. Our each is (2), (1) 12" and (1) 8" long, and you get three packs. This means you'll have enough to keep the pants on (6) people all at once.

42723 Loop Wizard $2.95/pkg(3)

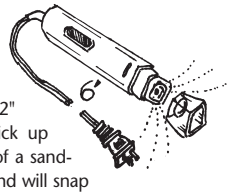
Picture Snake



Want to make sure you have someone's attention? Snap the jaws of this 1" alligator clip down on your note or picture or whatever, then bend its 7" long snaking body into a shape you like. Its base is a 2-1/8" dia double disk into which you can tuck the snake to store or shorten it. Includes a square of double-sided tape for wall mounting or added desktop stability. Modern. Minimalist. Interesting.

41415 Picture Snake $3.95/pkg(4)

This Sucks



Yes, this does indeed suck, but not a lot. It's genuine surplus, the vacuum part of a vacuum seal-a-bag unit. Measures 7.5" long x approx 2" dia with a 6-foot cord. Won't pick up much but it will slurp the air out of a sandwich bag. The plastic cup on the end will snap off to reveal a 1/8" inlet. We've decided not to mention Bill's spec evaluation that suggested it as an automatic hickey generator.

70165 Handheld Mini Vacuum $7.50/each

Color Them A Bargain

This 12-pack of watercolor pencils from Helix® come in a 4" x 7-1/2" flat metal tin, like stuff used to, and like everybody likes to keep for keeping other stuff in later. Pencils are black, gray, light and dark green, purple, light and dark blue, orange, red, pink, yellow and porange, which is pinky orange. Maybe you call it orink, but we both know what it looks like.

42695 Watercolor Pencils $5.95/each

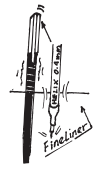
NEW!

Get The Point

What's blue and waterproof? A raincoat whose girlfriend left him for another coat. Also these nifty, pointed-tip, permanent and waterproof blue markers from Keson®. Made in the USA and mighty inexpensive.

42256 Blue Point Marker $3.25/pkg(5)

What's Black, Blue & Red?

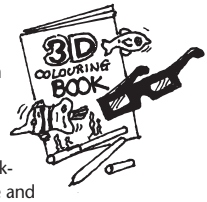


What's black, blue & red? Carmen Basilio after the second Gene Fullmer fight, and also this very nice three-pack of fine-line, 0.4mm, markers from Helix® Multi-hued crafting and communicating awaits you.

42556 Fine-line Markers $3.95/each

NEW!

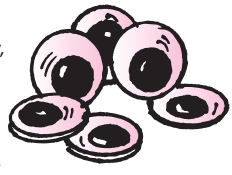
3D Coloring Book



Kids driving you nuts? We think a 3D coloring book ought to tie 'em up for an hour or two. You get a book with (8) different pictures to color, including the ocean, planets, hot air balloons, birds, and others. You also get (5) markers, (1) each in orange, red, yellow, blue and green, plus a coloring guide and a pair of cardboard 3D glasses. It's almost like real life.

95028 3D Coloring Book $6.95/each

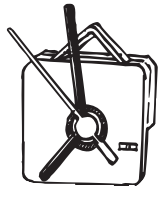
Google It!



The original Google was Barney, and he had goo-goo-googly eyes. You could ask your grandmother. Now comes your chance with a pack of (50) googly eyes, 11/16" dia x 3/16" thick with big googly pupils rolling around inside. A small bottle of glue and you can have everything in the house looking at you, kid. (For kids 3 to 8 years old, only with adult supervision.) ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94628 (50) Googly Eyes $2.95/pkg(3)

Quartz Movement



Make your own custom clock in a tick with this quartz movement. It's in a 2–3/16" square x 5/8" thick black–plastic case with a built–in hook for hanging it. Comes with minimalistic hour, minute and second hands, the latter (2) of which will extend 2" from the clock's center. You supply (1) "AA" battery and the clock face.

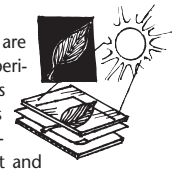
92307 Quartz Clock Movement $2.95/each

Butterflies Aren't Free

Don't believe everything you hear in the movies: butterflies aren't free. They are, however, dirt cheap, at least in the craft version. You pick from our selection of colorful fabric and paper butterflies. You get (3) packs in all cases. The large, 4-1/2" wingspread flutterers come in packs of (2); the medium, 3-1/2" in packs of (3); the small, 2-1/2" in packs of (4). Assorted colors, pretty as the real thing, and much easier to pin down

40582 Large Butterflies $3.95/pkg(3)
40583 Medium Butterflies $3.95/pkg(3)
40584 Small Butterflies $3.95/pkg(3)

Sunprint® Kit



Sunprints (or cyanotypes, or photograms) are everyone's favorite photo-sensitivity experiment, from third-graders to graphic artists and fine artists. You pick: The Sunprinters are a dozen 3-15/16" square sheets of photosensitive paper, an acrylic backing sheet and instructions. The large Sunprint Kit has (15) sheets of 12" x 7-3/4" photosensitive paper plus a clear acrylic sheet of the same size. Great for classroom demonstrations, and can be used to make prints from photo negatives as well as interesting effects from opaque or translucent objects. All you add is sunshine and water.

3805 Sunprinters Kit $6.50/each
93519 Sunprint Kit, Large $15.95/each

NEW!

Lots Of Craft Paper

Odd lots, in fact. We'll send you (3) packs of a dozen sheets of 12" sq x .005" thick (think card stock) craft paper from the apostrophe-challenged Michaels craft stores. You'll get three different patterns which could be anything from stripes, geometrics, clocks, musical instruments, leaves, animals, vegetables, minerals, whatever.

42871 Craft Paper $3.75/pkg(3)

Build A Lizard

It usually takes two other lizards to make a lizard, but now you can make your very own from reusable clay. You get a big glob of green clay and smaller hunks in yellow, black, gray and red, plus a 4" long armature, a sort of inner-lizard, to stick it on. Includes plastic sculpting tools, a tracing template, instructions and a diorama wall to pose the lizard against. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

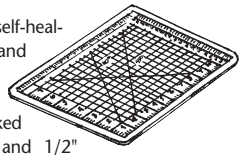
42626 Lizard Kit $3.95/each

You Just Need To Face It.

Face it, it's time you were a clockmaker. This 12" dia x 2-1/4" thick wall clock comes with a 1" wide dark blue band around a clear acrylic face that you decorate with whatever moves you. Includes hour, minute and second hands and hangs on a keyed slot. The quartz movement is waiting for you to add a "AA" battery. Or, remove the movement and use it in another DIY clock.

42319 Blank-Face Clock $3.95/each
92293 "AA" Alkaline Batteries $1.95/pkg(4)

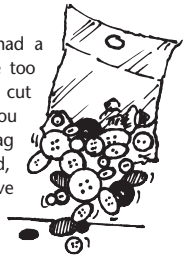
We Wuz Framed



And we did it ourselves with this self-healing cutting mat. It's hard rubber and no, we don't know how it heals itself, but it does. Measures 11-3/4" x 8-3/4" x 1/8" thick, it's marked in 1/8" and 5mm increments and 1/2" squares, with lines for 45° and 60° cuts.

93121 Cutting Mat $4.50/each

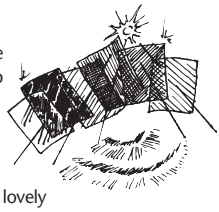
Button, Button…



Time was, everybody's grandmother had a button box. Today's grandmothers are too busy updating their Mugbook page to cut buttons off discarded clothing, but you can start you own collection with this bag of approx 100 buttons. Very assorted, because you never know what you'll have to match. Sizes range from roughly 3/8" dia to 1-1/2" and they're sew nice you should get several bags.

93836 Bag-O-Buttons $2.95/each

Lovely Hues



(Not to be confused with the Lovely Hughs, a '50s doo-wop group from Philadelphia.) These are gels, actually, for low-wattage lighting applications, but for your purposes they're probably just 8" x 10" sheets of colored acetate in lovely hues just waiting for crafty applications. You get (6) sheets, one each in yellow, magenta, blue, real red, deep green and indigo.

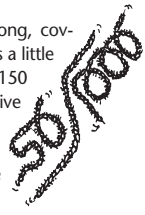
93904 Gel Sheet Set $10.95/each

Clean Your Giant Pipes?

You certainly could, but these oversized pipe cleaners are actually indispensable craft items. Our each is a pack of (100) 12" long x 1/4" dia chenilles in a dozen assorted colors, including some neons.

93084 Jumbo Chenille $2.50/each

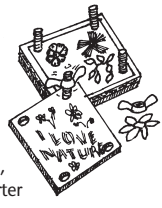
Chenille-Covered Wires



Pipe cleaners. Bendable wires, 5-1/2" long, covered with white chenille. Each package is a little bundle of (3), so (50) packages give you 150 pipe cleaners, and (1000) packages give you 3000! White chenille, by the way, is only used for pipe cleaners and your grandmother's bedspread. And of the pipe cleaners, only .002% are ever used to clean pipes. Think crafts!

40302 Pipe Cleaners $2.50/pkg(50)
40302P1000 Classroom Pack $24.95/pkg(1000)

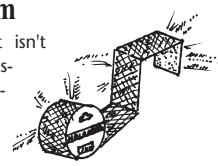
Smashing Pumpkins?



Pumpkins are too big to smash in this Pressed Flower Art kit, but feel free to squash petunias. You get a 4" cardboard flower press base and cover, blotting paper, plastic screws and wing-nuts to press the petals, little boxes, cards, envelopes, brush, glue, ribbon, tape and instructions. Nice starter kit for the tyro peony presser.

94773 Flower Press Kit $9.95/each

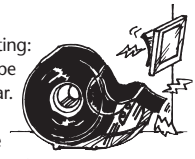
Sealed With A Hologram



When two-dimensional tape just isn't going to cut it, try our extra-engrossing holographic tape with eye-popping prisms. You get (75) feet of 1-13/16" wide tape, duct-like in all other attributes, but with a gold or silver holographic surface. From Kaizen Products.

42185 Gold Holograph Tape $1.95/each
42186 Silver Holograph Tape $1.95/each

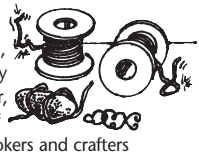
Magnehesive Tape



The ultimate in refrigerator-door decorating: a 25-foot roll of dark brown magnetic tape in a handy dispenser with a tear-off bar. Rip off a strip of tape, stick the sticky side to a photo, art project, or note and the magnetic side will hold it on a refrigerator door, file cabinet, or any other steel surface. Light duty, like all fridge magnets, so stick to notes and pix and other fluff.

93059 Magnet Tape $6.95/each

Live Wires



Craft wire in a dozen lively colors: red, pink, burgundy, teal, medium blue, navy blue, violet, forest green, black, silver, copper and brass. You get (9) feet of each, all in 26-gauge. Jewelers, scrapbookers and crafters in general love this stuff. You think black isn't a lively color? It's what they use to make jewelry for merry widows!

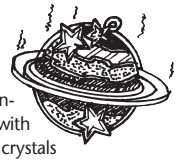
93801 Craft Wire $7.50/each

Crafty But Colorful

French blue! Yellow! Lime! Orange! Cerise! Bright wooden craft sticks, easy to work with, sized so that even young artists can paste or glue these together, but with the great potential for experienced crafters. You get a pack of (100) 6" long x 3/4" wide x 1/16" thick sticks with rounded ends, (20) each in color.

41954 Colorful Craft Sticks $3.50/each

Baked Saturn



Makit & Bakit® says the package. To make and bake this stylistic suncatcher, start with the 4-3/4" x 3-1/2" Saturn-shaped aluminum matrix, complete with rings and stars. Add the orange and red crystals that are included, and bake for 5-10 minutes at 375° for an almost original work of art! Conforms to ASTM D4236. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

41788 Saturn Suncatcher $3.95/each

Draw When You're Ready

You pick. The spiral-bound tattoo-design sketch book includes (10) colored pencils, a page of sparkly stickers, instructions and color theory, (7) pages of plastic stencils and (36) pages to draw on. They're blank on one side and have one of (6) female templates on the other. The spiral-bound pirate sketch book comes with the same (10) colored pencils, shiny stickers, drawing tips, (5) pages of stencils and (36) pages, blank on one side with piratical templates on the other. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

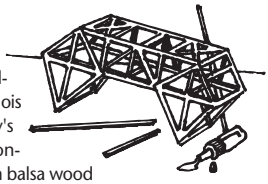
42412 Tattoo Sketch Book $8.95/each
42413 Pirate Sketch Book $8.95/each

Ready Or Not Skeleton

This skeleton is actually used in medical and other schools for teaching. The bones are plastic, but other than that it's as realistic and anatomically correct as they come. The ready-to-use 5' 7" tall skeleton is mounted with a 360° swivel at the pelvis from a heavy-duty metal rod on a stand base with castors. It has a skull with a removable section, hinged jaw and (2) removable teeth; plastic zippered dust cover; and stainless steel wire, brackets and wing nut assembly for long life. It's articulated at all joints except the spine, so you can demonstrate flexion/extension, or merely pose it in a debonair posture.

88824 Lifesize Skeleton $269.00/each

Bridges To Burn



Or break, actually, as an heuristic exercise. Here's a classroom-full of bridge-building supplies based on the Illinois Institute of Technology's national bridge-building contest. Each kit contains enough balsa wood pieces and glue to supply (24) budding engineers or physics students with what it takes to test their skills at wooden bridge construction. Includes a 12pp teacher's guide with info about (6) bridge styles and (8) types of trusses, (24) rules/instruction sheets for students, (360) pieces of 1/8" square x 24" long wood, and (24) bottles of white glue. Among the most engaging and popular classroom projects in the country, it's designed for grades 7-12.

93359 Classroom Bridge Kit $89.95/each

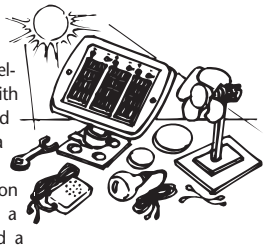
NEW!

Syringapistol Kit

Can you say repurposing? This little kit is the product of a syringe company and is now a nifty little set that you can turn into a water pistol or air-powered dart gun. Includes a 50cc syringe, plastic handle, dual nozzle, plastic rubber-tipped dart, a straw to fill it with water and a tiny foam figure for a target. (Hang on to the nozzle or tape it on for best results.) Also useful for shooting meds into your pet alligator's mouth.

42224 Syringe Gun Kit $2.95/each

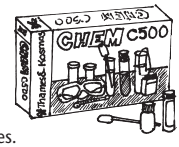
Catch Some Rays



And teach a kid (8 and up) the basics of solar power. This excellent educational kit comes with (9) 0.5VDC solar cells pre-wired in sets of (3) and mounted in a 5" x 4" x 7/16" black-plastic frame with screw terminals on the bottom. The kit includes a 1.5VDC motor with leads and a mount, a fan blade and (4) plastic discs from 5/8" dia to 2" dia for mounting on the motor shaft, a 1.5V incandescent bulb with leads, a sound module with leads, and graphic cards to mount on the discs. Comes with a 14-page instruction/experiment booklet, including info on increasing voltage and amperage, powering battery charges, radios, games, etc. Lots of science project potential. "Heuristic as all get-out," Jarvis said when he saw it. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

92923 Solar Science Experiment Kit $17.95/each

Chemistry For Beginners



The CHEM C500 from Thames & Kosmos is our most basic chemistry set but still includes over (30) experiments. Teaches reactions between solids, liquids and gases and the colorful effects of acids and bases. Includes reactions with sodium carbonate, litmus tests, invisible ink, electrochemical reactions and other fun activities to bring science to life for kids. For ages 8 and up. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

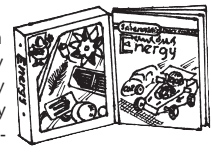
94359 Beginner's Chem Set $31.50/each

Crystals Grown While-U-Wait

From the Science Wiz™ comes this starburst crystal-growing kit that builds crystalline sculpture and pillars before your very eyes. You get a big sack-o-sodium acetate, which is also the flavoring agent in salt-n-sour potato chips, but never mind that. You add a few household utensils, including the stove, so ask mom for help. Enough powder for "several children" it says, or, we presume, one goofy adult. For ages 8 and up, and only with adult supervision.

94208 Starburst Crystal Kit $9.95/each

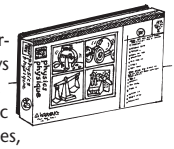
Whiz Kits



For whiz kids of all ages from ScienceWiz™. All created by Berkeley science-education whiz Penny Norman, Ph.D., and all attractively boxed, with lavishly illustrated 30-48pp instruction books. The Inventions kit has (4) projects: using a small motor as a generator; building a telegraph; a DC motor; and an AM radio. You add a "D" battery. The Energy kit has (22) projects, including a flywheel generator, solar racer, and making a battery. You add a 9V and several "D" batteries. Both also use household items. Both are for ages 8 to 80. AWARDS: National Parenting Publications Awards Gold, Creative Child Magazine Top Choice, Scientific American Young Readers Book Award, Dr Toy 10 Best Educational Products. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

93772 Inventions $19.95/each
93774 Energy $19.95/each

You Wanna Get Physical?



You'll need this excellent set of physics experiments from Elenco, with 256 different ways to demonstrate force, motion, magnetism, pressure, heat transfer, electricity and electric motors, simple machines, water/air/gases, light, sight, sound and more. Includes too many parts to list and a very detailed 64pp instruction manual so that even dads who are stumped by the laws of nature can figure them out first. Designed for curious folks age 8 and up. ⚠**WARNING:** CHOKING HAZARD-Children under 8 yrs. can choke or suffocate on uninflated or broken balloons. Adult supervision required. Keep uninflated balloons from children. Discard broken balloons at once.

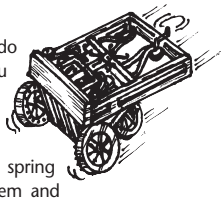
93062 Physics Physique $33.95/each

Pick Pick,Chip Chip

Rock hammer with one square chipping face and one pointy picking face. Steel head and shank, molded rubber grip. Taiwanese. 1 ft. long x 6" across the head 1-1/2 lbs. Well made. Good buy. Good bye!

88055 Rock Hammer $17.95/each

Leonardo Rides Again

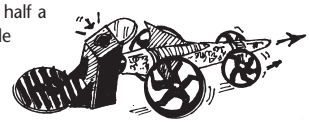


Now you can re-create two of Leonardo Da Vinci's most prescient vehicles. You get everything you need to build small scale models of either his self-propelled cart or paddlewheel boat. The cart was driven by bent-wood spring tension and featured a gearing system and programmable steering. His was wood; yours is wood-like plastic, approx 6" square x 3-1/4" tall with all the right moving parts. The paddleboat was pedaled (making it a pedal-paddle boat) and your model will be approx 7-1/2" long x 2-3/4" wide x 1-1/2" tall. Both kits include a 16-page booklet with good instructions plus an overview of the maestro's life. For ages 8 and up. ⚠WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94115 **Leonardo's Model Cart** **$29.95/each**
94116 **Leonardo's Model Boat** **$16.95/each**

NEW!

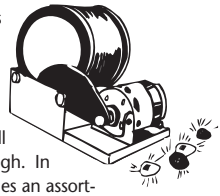
Give It The Vinegar!



It's literally a snap (or a half a dozen snaps) to assemble this vinegar and baking soda-powered dragster. Measures 7-1/2" long x 3-1/2" tall with a tubular body and vaguely chariotish wheels. Includes a 4-1/4" x 3" x 3-3/4" launch pad. We'd buy a pair and race.

42599 **Baking Soda Dragster** **$7.50/each**

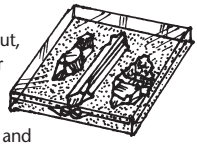
Large Rock Polishing Kit



Budding lapidarians will lap up this rock polishing kit which is so complete it even contains some rocks. The polishing tumbler has a (3) lb. (1qt.) fifteen sided rubber barrel and is driven by a 115 VAC motor. Overall dimensions are 6" x 6" x 7-1/2" high. In addition to the tumbler, the kit includes an assortment of jewelry findings and a detailed manual giving you easy to follow instructions. But don't think of it only as useful for jewelry making. As a hobby, our Uncle George for many years collected and polished a wide variety of rocks which he found interesting and made beautiful in and of themselves. ⚠WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

80276 **Rock Polishing Kit** **$92.75/each**
89758 **Replacement Abrasives** **$10.95/each**

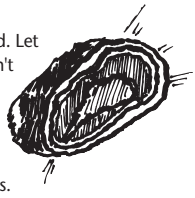
Gems In The Raw



Gemstone points, waiting for you to cut, polish and mount, show to students, or just gaze at while you marvel at nature's wonders. Your each is (3) pretty points: (1) each of quartz, amethyst and citrine, each between 3/4" and 1-1/2" long.

94274 **Gemstone Points** **$2.95/each**

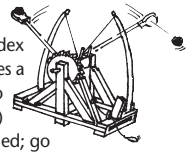
Rock Stars



Agates are the rock stars of the rock world. Let us pick a pretty one for you, why don't you? We'll select a hunk approx 3" dia, maybe about a third of a pound, that's been cut in half and polished to a high gloss so it's all smooth and beautiful with colorful layers inside. Our choice of colors.

94494 **Sliced-Open-Agate** **$8.75/pkg(2)**

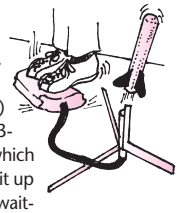
Launch Like Leonardo



Based on drawings from DaVinci's Codex Atlanticus, this Pathfinders catapult kit uses a pair of bent wooden arms as springs to launch clay balls (included) over (4) meters at enemy fortifications (not included; go make your own enemies). The assembled model will be approx 9" tall on a 10" x 7-1/4" base. Made from pre-cut, untreated wood from sustainable forests, and built with pegs for added strength and verisimilitude. For ages 12 and up. ⚠WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94075 **DaVinci Catapult** **$19.95/each**

Powered By Feets

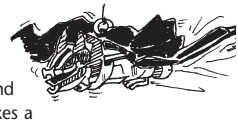


Just like the original Stomp® Rocket but slightly smaller for slightly smaller feet, the Stomp® Rocket Jr. Glow also, you guessed it, glows in the dark. Includes (4) 8-3/4" tall foam rockets, launch tripod, 3-foot hose and the launching pad on which you or your young 'uns stomp to launch it up to 100 feet. Runs on air alone (no more waiting for your liquid hydrogen order from NASA) so it's safe. For ages 3 and up, depending upon shoe size. ⚠WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94074 **Stomp Rocket Jr.** **$15.95/each**

NEW!

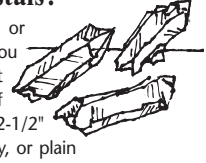
We're Batty About This



When it's your bat, they have to let you play. This motor-driven plastic bat kit doesn't actually fly, but hangs from a ceiling mount and cord and flaps his 17" wings. Makes a lovely addition to any home's decor, and includes a hanging perch and folding wings so the critter can sleep. A tilt switch makes his little motor go off automatically when he's upside down. You put him together and add a pair of "AAA" batteries. ⚠WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

42231 **Flapping Bat** **$4.95/each**
92294 **"AAA" Alk Batteries** **$1.95/pkg(4)**

What's The Point Of Crystals?



Crystals are for pointing toward you or away from you, depending on what you believe or want, or for polishing, or just for looking at. You get a 3-pack of quartz point crystals, approx 1" to 2-1/2" long, ready for psychic healing, jewelry, or plain old-fashioned lapidarian fascination. Your hunks of point crystal might have an actual point, might not: nature's like that.

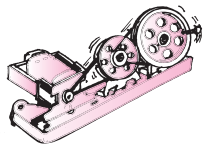
94132 **Quartz Point Crystals** **$4.95/pkg(3)**

If Lightning Strikes In The Desert...

When lightning strikes a barren desert, there's nothing to hit but sand. And what happens when you heat sand to a gazillion degrees, boys and girls? That's right, it makes glass. Actually, it makes small fulgurites, which are sand that has been fused into often-tubular glass shapes. (Glass, but sand colored, and not the Sweet Home Alabama variety. This isn't Hollywood, after all.) Yours will measure approx 1" to 1-1/2" long and be in a plastic box along with a description of the source of that particular fulgurite.

94678 **Fulgurite** **$4.95/each**

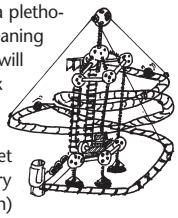
Wheels Within Wheels



Nice little pulley unit kit includes (1) pulley each at 50, 30, 25 and 20mm and (3) pulleys at 11mm, plus myriad bushings, a small motor, (2) belts and a belt guide, base, mounts and assorted hardware. Includes graphic assembly instructions, plus a couple of rudimentary drawings with suggested projects. It's a mechanical science project waiting for a home.

94905 Pulley Kit $12.95/each

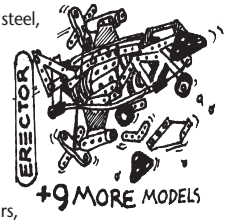
You Must Be this Tall To Ride This



This excellent little roller coaster kit has a plethora of parts (from the Greek, plethein, meaning "we don't want to count them") and will measure a table-top-friendly 19" x 20" x 10" when assembled. Includes a battery-operated motor that carries an 11/16" plastic ball in a chain-driven bucket to the top for its thrill ride down. Very detailed (you even assemble the chain) and fun to watch when it's done.

41635 Roller Coaster Kit $19.50/each

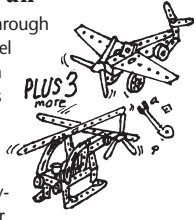
Ten-Model Erector® Set



You get over (190) pieces, mostly steel, in this Erector® Multimodels set. Includes detailed instructions for building a derrick, fighter plane, helicopter and motorcycle, with another (6) model suggestions with full instructions on their website. Rated at a "two-wrench" level of difficulty, it includes plastic gears, wheels, pinions and pulleys. Whole lotta construction fun in a small package for ages 8 to 88. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94291 190-Piece Erector Set $29.95/each

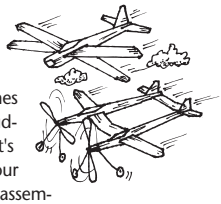
A Work Week's Worth Of Fun



Keep the kiddles occupied Monday through Friday with one of these 5-packs of steel bolt-together vehicular model kits from Stanley Tools®. All have over 400 pieces and all come with a small wrench and screwdriver. You'll get either: bulldozer, weeder, excavator, front-end loader & forklift; scooter, rickshaw, motorbike, tricycle and minibike; or stunt plane, helicopter, fighter plane, seaplane or aeroplane (it's made for the UK). Made of Stanley's "high quality Steel Tec System." Models average approx 6" long. For ages 8+. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94718 Stanley's 5-Pack Kits $18.95/each

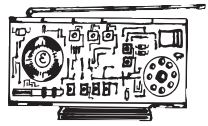
Design-Build-Fly Airplane Kit



Design your own planes, then fly 'em. This kit has (35) parts including balsa wings and bodies, plastic struts and landing gears, rubber-band drives and (3) props. Comes with instructions for (4) planes, including an X-wing and tri-plane, but it's made for you to experiment with your own designs. Also made to build, disassemble and rebuild different models. For ages 8+. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94300 Multi-Plane Kit $22.95/each

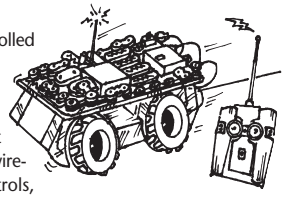
Radio Kit



An advanced kit compared to the others, a little more deluxe and a little more complicated. It is an AM/FM radio kit from Elenco with over 80 pieces divided into lesson groups. PC board shows component placement to help learning and to minimize errors. It has (14) transistors and (4) diodes and the case measures 11"x 5"x2-1/4" Soldering required. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

89018 AM/FM Radio Kit $34.95/each

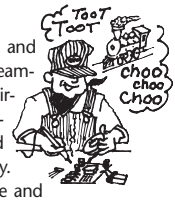
RC Rover Kit



Build your own radio-controlled rover, no soldering required. It's a Dr.Toy winner from Elenco's Snap-Circuits™ series. The 30-piece kit includes a multi-function wireless remote, turning controls, head and sidelights, and sound effects. An easy-to-follow manual includes instructions for over (20) projects. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

93442 Snap Circuits Rover $62.95/each

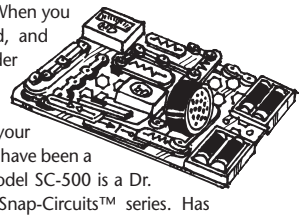
Just What Choo Need…



if you want to sound like a steam engine, and who among us doesn't? This Velleman® steam-engine sound generator kit comes with circuit board, components, battery connectors, speaker and instruction sheet. You add solder, a soldering iron and a 9V battery. Volume and (implied) speed are adjustable and there's a horn button, so it'll go both choo-choo and whoo-whoo. Great for train hobbyists or people bored with their doorbell.

93802 Choo Choo Kit $13.50/each
88242 Soldering Iron $6.95/each
92297 9-Volt Alkaline Battery $1.95/each

Electronics Made Easy…And Fun



When is a toy not a toy? When you can have fun with a kid, and build a digital voice recorder at the same time. If the young Tom Edison had had one of these kits, your grandparents' lives would have been a lot easier. Elenco's Pro Model SC-500 is a Dr. Toy winner, from their Snap-Circuits™ series. Has over (75) parts to snap (no soldering) into a grid and learn electronics while building an AM or FM radio, digital voice recorder, burglar alarm, doorbell, and electronic games, among over 500 experiments. For ages 8 up to adult, it includes a well-written, graphically illustrated instruction manual. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

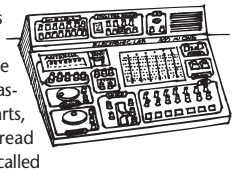
93440 Snap Circuits Pro $65.95/each

Genuine Erector® Set

The Erector "Cable Command" set has 252 pieces, instructions for (6) models (including a truck, plane, end loader and crane), and suggestions for another (9). Comes with claws/grabbers/lifters, rubber treads, cables, metal beams, screws, plastic wheels and basic tools. Designed for ages 8 and up. In the event of projects lasting over (4) hours, call a mechanic. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

93795 Erector Set® $37.95/each

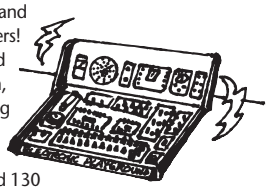
Tinker With Transistors



Hundreds of experiments. Months of fun. These solderless electronic kits from Maxitronix™ are exceptional. Each comes with a plastic console, myriad pieces and parts, and an entertaining, easy–to–read instruction book that's so big it's called an Owner's Manual. The 300–in–1 kit has a 13" x 9-1/2" console with a built-in speaker, earphone, LED display, meter and more. It starts with the basics about transistors, transformers, diodes, capacitors, oscillators, circuits, etc., offering (300) radio–circuit, sound–effect, digital and other projects. Requires (6) "AA" batteries (not included). Anyone from age 10 to adult who likes electronics will lust after these kits! ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

91934 300–in–1 Kit $99.95/each
92293 "AA" Alkaline Batteries $1.95/pkg(4)

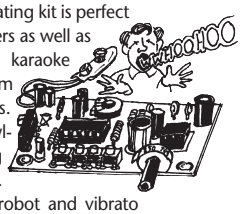
All The Bells And Whistles



Bells, whistles, sirens, rain and metal detectors, amps, timers! Instructions on how to build the circuits for a burglar alarm, light dimmer, tone-mixing amplifier, logic tester and a whole bunch more. The Elenco® Electronic Playground 130 & Learning Center™ by Elenco® has 130 projects using a control center with a built-in breadboard with contact springs. The perfect intro to electronics for ages 12 and way up, it includes a 164-page instruction book and all the parts you need except (6) "AA" batteries. No experience necessary. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94076 Electronic Playground $42.95/each
92293 "AA" Alkaline Batteries $1.95/pkg(4)

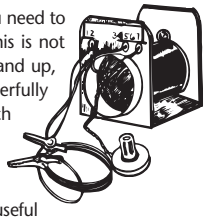
My, What A Deep Voice You Have!



Our little electronic voice-modulating kit is perfect for wolves imitating grandmothers as well as for robotic voices, party tricks, karaoke enhancement, or hiding from your mother when she calls. Medium level electronics knowledge and some soldering required (solder not included). Has a module with high, low, robot and vibrato modes, which means you too can sound like Whitney Houston, sort of. Includes an electronic microphone. You add a 9V battery and a small 4-ohm speaker (although it can be wired to use a line-out). Draws 300mA at 9VDC and is based on an HT8950 chip.

93492 Voice Changer Kit $18.95/each
92297 9-Volt Alk Battery $1.95/each

Build Your Own Crystal Radio



A good basic kit with everything you need to build a very simple crystal radio. This is not hi-tech hi-fi. Geared for ages eight and up, it is a complete kit with wonderfully straight forward instructions which walk the experimenter through winding the coil, hooking up tuning needle, crystal diode, and earphone, and experimenting to find useful antennas. Excellent education, recreation and discovery device all at the same time. A simple kit with hours of fun in it. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

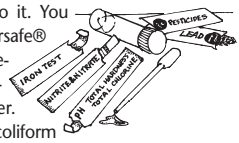
88028 Crystal Radio Kit $11.95 /each

Sea Monkeys, Do Monkeys

Yes, we have a Sea Monkey® aquarium kit. The (9) piece aquarium kit includes eggs, food, water purifier, plus an official plastic spoon, 32-page handbook, life insurance policy, growth guarantee, and the plastic aquarium with built-in magnifiers for viewing your little friends, and a vented cover. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

90288 Sea Monkey Aquar. Kit $12.95/each

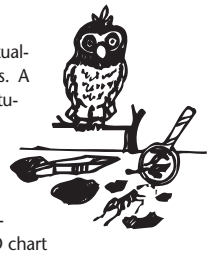
We're Just Testing The Waters…



before we dip our tongues into it. You might want to, too. Try Watersafe® Well-Water Test Kit, a 10 parameter, single-use kit made for testing well-water or city water. Contains tests that will detect coliform bacteria, pesticides, nitrates, lead, iron, nitrites, pH, chlorine, copper and hardness. Includes an instruction manual and EPA drinking water standards. Easy to use, with results on the spot.

93587 Water Test $25.95/each

Who? Who?



Owl pellets, that's who! Or whom, actually, but owls can't say whom. No lips. A perennial favorite, these are the all-natural regurgitated balls of fur and bones that are the leftovers of the owl dining community. You'll get two rather large pellets from a barn owl, along with a small acrylic magnifier, a pair of 5" long forceps, a bone ID chart and 10pp instruction booklet explaining how to dissolve the pellets and reassemble the (usually) complete small rodent skeletons that the owl couldn't manage to digest. If you're looking for additional pellet dissection fun, or perhaps supply the classroom, then try our bulk pellets. Heat sterilized and individually wrapped.

94058 Owl Pellets $7.50/pkg(2)

NEW!

Leaks Like A Sieve

It leaks like a sieve because it is a sieve. And a big'un at approx 13" dia with a reinforced approx 10" screen in the bottom. CJ says it's for mineral panning or archaeological fieldwork, but some of us think it's from a lost 5-foot tall Mr. Coffee. We'd use it to pan for gold.

95013 Large Sieve $9.75/each

A Meteorite Is Heading Your Way!

Don't panic. A meteorite is speeding toward you, but it will only hit your mailbox. These small hunks of genuine meteorites are approx 4,200 years old and have been harvested from Chaco, Argentina. (We never miss the meteorite harvest in Chaco.) Most will weigh 25-30 grams and measure approx 1-1/4" x 3/4" x 1/2", which is very dense. Carry one in your pocket and you'll never be hit by a large meteorite. (And if you are, we'll give you double your money back.)

94493 Hunk Of Meteorite $24.95/each

Screeching Monkey Superhero

Look! Up in the sky! It's a screeching flying monkey to the rescue! And at a screechingly low price. Our hero is an 11" long stuffed monkey in superhero togs (a cape, and maybe a mask or hood, depending on his sartorial whim). Put two fingers in the little pockets on his paws, pull his bungee arms back, and let him go. He'll fly a good 25 feet or more, issuing hideous monkey screeches all the while, faster than a flying nun and able to brighten up a day in the office in a single bound. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

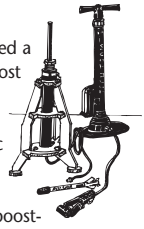
93041	**Screaming Monkey**	**$5.95/each**
93041P3	**3-Pack SAVINGS!**	**$15.95/pkg(3)**

Be The Life Of The Party

Ever been a piano man at a party with no piano? Never again! With this electronic piano necktie you can look spiffy and carry your instrument around your neck. Just finger the one-octave, non-chromatic keyboard and the notes will waft from a speaker cleverly disguised as a Windsor knot. Has a breakaway neck cord, so there's no fear of strangulation from unappreciative audience members. We provide the replaceable button-cell batteries.

94196	**Piano Tie**	**$10.95/each**

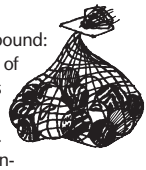
Wow! Double Wow!



This is Philip's new favorite toy, since he blasted a rocket so high over our parking lot that he lost sight of it (the rocket, not the parking lot). The Air Burst™ Rocket system has a 26" tall, air-powered tri-pod launcher made of plastic and rigid foam. A 65" long air hose connects it to any stand-up bike pump. After a few pumps, the air pressure bursts a replaceable booster disc in the launcher and sends a 10" x 3/4" dia rocket 250 to 1000 feet into the air. Wow! The system includes the launcher, (2) rockets, and (60) boosters (two different weights). Sending rockets out of sight, even if they usually come straight back down, is an ingenuous ploy for selling extra rockets. Our each is a pack of (2). And having extra rockets is an ingenuous ploy for selling extra booster discs. Our each is another bag of (60). Warning: The Air Burst™ Rocket is for ages 10 and up, with adult supervision. Don't let us catch you out there without a kid! ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

92025	**Air Burst Rocket System**	**$31.50/each**
92026	**Extra Rockets**	**$7.95/each**
92027	**Extra Booster Discs**	**$3.50/each**

Lost Your Marbles?



Here's a replacement bag. We sell 'em by the pound: the half-pound bag will get you an assortment of approx 35 colorful glass marbles of various styles, ranging from 9/16" to 1-5/16" dia, although most of them will be the smaller sizes. ⚠**WARNING:** CHOKING HAZARD-This toy contains a small ball. Not for children under 3 yrs.

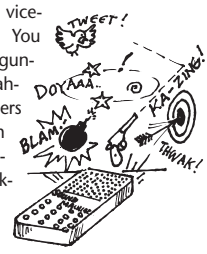
93994	**Half-Pound Of Marbles**	**$3.25/each**

Reptile Balls

Our each is a set of (6) reptile themed rubber balls of the dodge-ball persuasion. You get (2) each at 8-1/2" dia with a 'gator, snake and turtle printed on them. Equally suitable for kick-ball in case they've banned dodge-ball on your playground. Good, heavy quality to take asphalt abuse.

42705	**Reptile Balls**	**$12.95/each**

Ga-Boooing! Boooing! Machine



Our crack sound-effects-evaluation vice-president calls this cartoon-in-a-box. You get (16) wacky cartoon sounds, from gunshots and explosions to ga-boings, ahoogas, whistles, wood-sawing, jabbers and tweets (the original tweets, from birdies.) Digitally recorded, in a 4" x 2-3/8" x 7/8" box with a 1-1/4" dia speaker. It's small enough to carry in a pocket so you can be the life of the elevator! ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

93968	**Box-O-Sounds**	**$12.95/each**

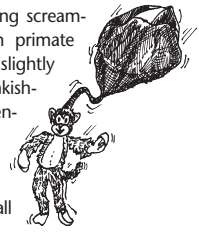
NEW!

When Pigs Fly

Toss this pig and when it flies it actually flaps its flame-tipped piggy wings. Measures 3-1/4" x 1/2" in appropriately pink foam and has a 9" wingspan. Especially useful if your father threatens you with things like "when pigs fly...." ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

42600	**Flying Pig**	**$2.95/each**

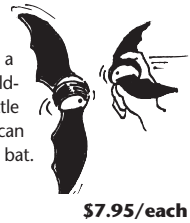
Parachuting Screaming Monkey



The biggest improvement ever in flying screaming monkey technology. This 8-inch primate launches slingshot-style just like his slightly larger cousin and screams just as monkishly, but instead of landing with a sickening thud, he floats gently to earth in his own 20" dia parachute. A must-have for Screaming Monkey fans. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94192	**Parachute Monkey**	**$10.95/each**

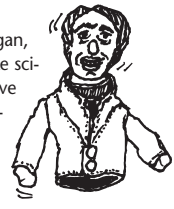
Lemme Play! It's My Bat!



When it's your bat, they have to let you play. Better bring the gyroscopic Batwing Flyer™. This 2-3/8" dia rubber ball has a spinning gyro center and 9-1/2" long molded rubber bat wings. Practice with it a little (it's a bit like throwing a slider) and you can throw it like a ball and watch it fly like a bat. Complete with little bat eyeballs.

94226	**Batwing Flyer**	**$7.95/each**

Digital Scientists



Billions and billions of people love Carl Sagan, and Nikola Tesla is AS&S's all-time favorite scientist, which is why so many of us have these guys on our index fingers for company. Now you can stick either or both of them on your fingers, too. Re-create Sagan's lectures for your friends and students, or use Tesla to explain alternating current to anyone who's interested in that kind of thing. When you get tired of them, stick them on the fridge. Each has a magnet in his head, right where his big brain would have been.

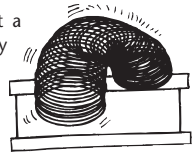
94992	**Carl Sagan Puppet**	**$5.95/each**
94993	**Tesla Finger Puppet**	**$5.95/each**

Excellent Squishy Frog Rings

Ah, young love! Save on diamonds and give her this giant (2" tall!) happy frog ring, which is much better than any precious gem because when you squish him, a giant black fly inside a transparent rubber gullet pops out of his mouth. One size fits all because he stretches. Goes with any outfit. Available in frog green, orange and red and we'll pick (2) different colors for you. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94619 Squishy Frog Rings $3.95/pkg(2)

Original Slinky®



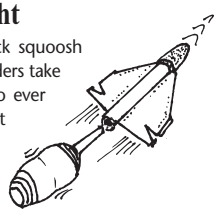
Does anyone need to be told what a Slinky(tm) toy is?? Okay, it is a very slack spring, 2-7/8" dia x 2-1/2" long, compressed. It will stretch out to about 5 or 6 feet long without deforming. That's the boring part. The interesting part is that it "follows" itself. Slosh it from hand to hand. Put in on the top step of stairs, flip the end down a step, and watch it walk down stairs, or down an incline. Believe us, no childhood (or adulthood) is complete without an original stainless steel Slinky(tm). It was hard for us to find it, but we are glad we did. You should be too. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

88701 Original Slinky $5.95/each

88701P3 3-Pack SAVINGS! $15.95/pkg(3)

NEW!

When Foam Takes Flight



Give the little launch bulbs a quick squoosh and watch the 4" x 2-5/8" foam gliders take off. More fun than you'd expect to ever have squeezing foam. You get a fleet of (4) planes and (2) bulbs for competitive gliding. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94998 Foam Fliers $5.75/each

Back To Basics

It could have been called an Alabama Buzzer after Alabama Vest, the man who invented it. Or a Clegghorn, after Thaddeus Von Clegg, the clock master who fabricated the first one. But the hand-crafted 4-3/4" long steel instrument was a simple amusement, and the 1840s were a simple time. So it's simply a kazoo.

92395 Kazoo $2.95/each

Underpants In A Can!

Emergency underpants in a can. Says it all, doesn't it? Quite stretchable in a Tyvekish white fabric, "one pair fits most adults." They're hip-hugger, semi-bikini, translucent type drawers, so despite the smiling man wearing them and a red bow-tie on the can, some (insecure) guys might find these just a touch jeune fille-ish. "Safe, Sanitary, Secure." Says so right on the 3" x 1-1/2" x 2/3" flip-top metal can. Better buy (3) in case of a long weekend.

94417 Canned Underpants $4.50/each

Bouncing Buddhist Monk

Make your dashboard one with everything for under five bucks. This Buddhist monk-on-a-spring wears an off-the-shoulder saffron robe and a blissful expression that will make your daily commute a little slice of Nirvana. Sits 4-5/8" tall with an adhesive base. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94945 Dashboar d Monk $4.95/each

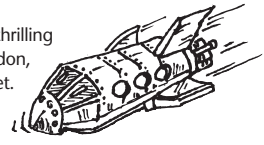
First Class Ear

For junior agents, the Spy Ear is A First Class Product. Says so right on the package. It's a small, belt-clipped amp with a microphone plus earbuds on a 2-foot cord. Includes on/off/volume switch and runs on an AG13 or L154 button cell battery, included along with a spare, but they could be running low. (Surplus!) Good for listening in on parents. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

42233 Spy Ear $2.95/each

92524 AG13 Batteries $1.95/pkg(10)

Retrorockets



Return with us now to those thrilling days of Buck Rogers, Flash Gordon, and Tom Corbett, Space Cadet. These little 3" long retro-styled spaceships are replicas of what people flew into outer space in before anyone ever flew into outer space in the first place. Pull-back powered for desktop fun and perfect for stop-motion animators. We have (4) styles; you'll get (2) different ones. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94547 3" Retro Spaceships $4.95/pkg(2)

Calf Horn

Why lug a full-grown bullhorn around when you can get bullish sound (it can be heard up to 100 meters away) from a much smaller bovine blaster. This one's oxymoronically named the Mini-Mega-Phone. It's plastic, just 5-1/2" long with a 3-1/2" dia bell, 3" long fold-out handle, and a lanyard. In lively colors, so even without a lanyard, it would be hard to lose. Bonus: it plays Happy Birthday! You add (6) "AA" batteries.

93804 Mini-Mega-Phone $11.95/each

92293 "AA" Alkaline Batteries $1.95/pkg(4)

A Week's Worth Of Whoopee

A gallimaufry of gags, the prankster's pantheon. Our seven-day selection of sophomoric stupidity includes a joy buzzer, a fake ketchup spill that is perfect for a laptop or tablet, wrapped candy thats more bug than treat, a pack of gum with a mousetrap inside, a nice fake nail to put through a finger, a fly-in-the-ice cube, and the American classic whoopee cushion. Add some rubber vomit and you've got enough gifts to get through Channukah. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

93664 Trick Of The Day $10.95/each

"I've Got A Big Pair"

Deuces, but they're 5-1/4" tall x 3-1/4" wide. For folks with really big paws, or really bad eyes, these oversized playing cards, the standard (52) plus a pair of giant jokers, is the answer to a prayer - and nice decorations for a Las Vegas night, to boot.

36772 Jumbo Size Cards $3.95/pkg(2)

NEW!

The Joke's On Them

Not your amateurish gag boxes, but 4-color genuine-looking boxes like you find at all your Big-Box stores, with graphics, marketing copy, testimonials and instructions. You pick the Crib Dribbler infant feeding system, just like rabbit waterers; the iDrive, a steering-wheel mounting system for your iDevice, so you can "Surf!, Read! Work!" while you drive; or the Turn & Churn, a very believable travel ice-cream maker that magnetically mounts on your wheel hub and makes "Wheel fresh ice cream!" Boxes are all 11-1/4" x 9" x 3-1/4" and are, naturally, empty. You see, the real gift goes inside.

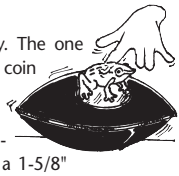
94902 Crib Dribbler Box $5.95/each
94903 iDrive Box $5.95/each
94904 Turn & Churn Box $5.95/each

Life Is Just An Illusion

Is life just an illusion, or just a bowl of cherries? We forget. Let's just go with illusion and send your miniature magician this optical illusion kit with a 5-7/8" parabolic mirror that will have people reaching for things that aren't there. Includes a couple of 1-1/2" x 1" lenticular (go look it up) dinosaurs, a rubber frog, a "magic mirrored cup," grids, optical illusion cards and instructions. You add a few common household items for added common household fun. For ages 8+. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

41169 Incredible Illusions $12.50/each

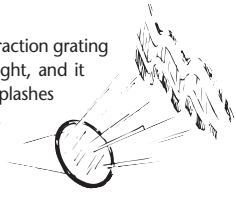
3-D Mirascope



You've seen everybody's favorite desk toy. The one that makes you swear you can pick up the coin that's right inside it. Too bad it's really a hologram you're looking at! Now you can own this petite version of the popular "illusion" toy. This one, 6" dia x 2" tall, with a 1-5/8" opening on the top, leaves more money in your wallet and more room on your desktop. And try to touch that little rubber frog that comes with it. It's either enchanting - or enchanted! ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

93374 3-D Mirascope $8.50/each

Rainbow Bouncer



Plastic disc, 2-1/4" dia with a diffraction grating face. Place the disc in the sunlight, and it will reflect a myriad of rainbow splashes on a wall, ceiling, screen etc. Neat! ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

88884 Rainbow Bouncer $2.00/pkg(2)

Solitaire-Size Cards

Who knew there were official sizes to playing cards? Well, we did, actually. These are the small, solitaire size, 1-3/4" wide x 2-5/8" tall, Tally-Ho® cards (look for the joker with the whip!) in a linoid finish with the blue fan-circle back. Bonus info: those 2-1/2" wide cards are poker size, the 2-1/4" wide ones are bridge size. You're welcome.

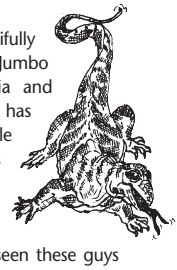
41869 Solitaire-Size Cards $3.75/pkg(3)

GOOOGLY Eyes Of The Gods

Our largest-ever and most impressive googly eyes are a full 6-7/8"dia and ready to adhese themselves to the surface of your choice. And yes, of course they glow in the dark. (If you were a little older we'd tell you they were bigger than Jerry Collona's eyes, but we won't because you probably wouldn't even bother to Google him.) and yes, our each is a pair.

94682 Giant Goodly Eyes $7.50/each

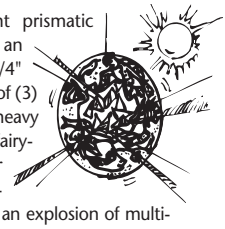
Pick Your Lizard



You want to touch these life-size, beautifully detailed, 3 lb lizards, don't you? The Jumbo Monitor Lizard, found in Africa, Asia and Australia, is now is available here. He has cream-to-brown coloring and a flexible forked tongue, and is 41" long when his tail is uncurled. The Green Iguana, 3 ft long from nose to tail, takes only 2 ft of branch (or shelf) space, since his tail also has a natural looking curl. We've seen these guys being sold for food in Central America, and you couldn't tell this one from the real thing--except that theirs are Blue Iguanas. Being concerned about the environment, we always prefer green.

89099 Monitor Lizard $29.95/each
91361 Green Iguana $29.95/each

Rainbows All Over The Room



From Sun Catcher®, a transparent prismatic sheet, roughly 4-1/4" x 5-1/4", inside an oval frame, roughly 10-3/4" x 8-1/4" with a variety of motifs. We'll pick (1) of (3) diffraction patterns inside (1) of (6) heavy cardboard frames: undersea critters, fairyland, jungle life, a wizard, dolphins or a garden with butterflies and a hummingbird. It will "transform light into an explosion of multiple hues," and who doesn't like that? Comes with a suction cup to mount in your window, and if you're a minimalist you could cut the cool prism out of its frame and we wouldn't tell a soul.

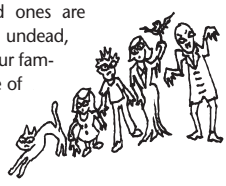
92684 Sun Catcher $6.95/each

Old Fashioned Disney Movies

Extremely old-fashioned Disney movies. Okay, flip books, but that's how movies started, so the kids get a little persistence-of-image education along with Cinderella and Pocahontas. You get 4 of the 80-page, 3-1/2" x 2" flip-books and as a bonus you can flip them over and riffle them the other way with different images. We'll try to send you (2) different titles but we can't guarantee it

41107 Disney Flip Books $3.25/pkg(4)

Family Friendly Window Stickers



Diversity-R-Us. Whether your loved ones are blood-suckers or just your standard undead, we've got the window stickers for your family car or home. You'll get a package of (9) clear vinyl figures ranging from 2" to over 5-1/2" tall and including pets, toddlers, teens and parents. Just pick vampires or zombies and stick them in the window.

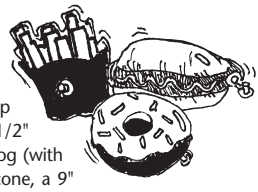
94938 Vampire Stickers NEW! $7.95/each
94492 Zombie Stickers $7.95/each

Glowy Ducks

If real ducks glowed in the dark, night duck-hunting would be the national pastime. For now, we'll have to settle for these miniature rubber duckies, about 1-5/16" from their bright orange beaks to their little duckie tails, and 1-3/8" tall. Our each is a dozen frosty white GITD duckies. Our media maven Bill suggests a nice bubble bath in the dark. "Please send pics," he says. ⚠WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

70121 GITD Rubber Duckies $6.50/each

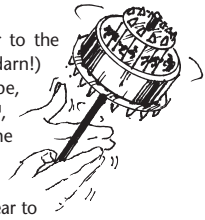
No-Cal Fast Food



Finally, fast food that you inflate instead of fast food that inflates you. You get a happy feast of (5) colorful, beachballish blow-up food items, including a 10-1/2" cheeseburger, a foot-long hot dog (with mustard), a foot-tall ice cream cone, a 9" doughnut, with sprinkles at no extra charge, and a bag of fries that looks a little like Sponge Bob.

42445 InflataFood $3.95/pkg(2)

Paper Praxinoscope



The praxinoscope was the successor to the zoetrope, and both precursed (darn!) motion pictures. This praxinoscope, marketed as the Crystal Animator™, can be assembled in 10 minutes. The finished scope is 4" dia x approx 2-1/2" tall with a 10" long spinner/handle. Spin it and watch the horse appear to gallop in the mirrored core. Comes with (18) pre-printed strips--including the horse, people, pigs and many more, and (4) strips with line drawings--but you can create your own, which is twice the fun, on the reverse sides.

94569 Crystal Animator $4.95/each

Lampless Lava

lear acrylic sealed tube, 3-1/8" dia x 8" tall, divided into two equal chambers. The dividing wall has a hole in the center, and the tube has a quantity of viscous violet goo (glycerin?) in it that fills one chamber about 3/4 full. Stand the tube on end with the full chamber up, and over a 10 minute period the goo will ooze from the upper to the lower chamber, blowing bubbles and dribbling droplets in the process, all in slow motion. The action is somewhat reminiscent of a lava lamp, without the heat and light, and with a mixed air and goo chamber that yields much more interesting patterns. Mesmerizing, disgusting, fascinating, soothing. It comes in a variety of colors from which we will choose yours.

88963 Soother Goo Tube $11.95/each

Brite Lites To Go

This travel-sized game is not unlike the famous Lite-Brite-ish game we all know and love. Measures 4-1/2" square x 1-1/4" thick with a 2-7/8" square peg area and a whole buncha blue, green and orange plastic pegs to make pretty designs with.You add a pair of "AA" batteries for the bulb inside.

42592 Brite Lite Game $4.75/each
92293 "AA" Alk Batteries $1.95/pkg(4)

Horny Cat

It's not too late for your cat to be an Internet star. Just pop this inflatable 5.5" white unicorn horn on his or her head and the people will be watching all day instead of working. Box says "cats love it!" so it has to be true. We see no reason not to try it on your dog or snake, but do heed the warning to not leave a unicorned pet unattended or let them eat the horn, which is good advice generally, we think.

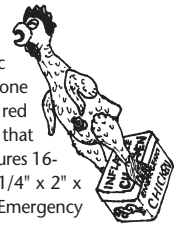
94939 Cat Horn $4.95/each

Angry Flying Pickle

It's the Pteranodon Terror! balloon according to the packaging, but frankly it looks more like an irate cucumber to us. Awfully nice though. Made of a heavy plastic, it's 24" long x approx 2-1/2" dia and includes a filling straw and a 3-part tailfin sleeve for a ballast

41769 Pteranodon Balloon $2.95/each

Blow Into This Pullet, Pal



Introducing our snazziest inflatable chicken ever, a major step beyond your basic plucked and flaccid rubber chicken. This one is bright yellow with orange detailing, a red comb and wattle and a wide-open mouth that you can practically hear squawking. Measures 16-1/2" long beak to feet and comes in a 3-1/4" x 2" x 2-1/2" tall tin conveniently labeled "Emergency Inflatable Chicken." Sweet!

94496 Inflatable Chicken $8.00/each

Articulated Sasquatch

Ready to fulfill all of your unmet movable yeti needs, this 6-1/2" tall plastic bigfoot has articulated ankles, knees, hips, waist, shoulders and elbows, which makes him posable in more positions than Twyla Tharp. ⚠WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

94988 Articulated Bigfoot $14.95/each

Your Cubicular Buddy

You say it's lonely in your cubicle? Add the only guy who really understands what your working life is like. Our stuffed (authorized) Dilbert is 15-1/2" tall with a rubber head and his usual curled up necktie. Has a little Ivy League-ish loop on the back of his shirt for hanging. Order some extra Dilberts for your kids so they can see what they have to look forward to.

42629 Dilbert Doll $9.50/each

Polarizing Film

Our each is a 17" wide x 12" long x .006" thick piece of neutral gray polarizing filter. Great for tinkering around whether you are a hobbyist or school teacher. It's possible that there could be some slight scratches because we got it unprotected, but still.

37640 **17" Wide Polarizing Film** **$17.50/each**

NEW!

Aspheric Lenses

Our aspheric glass lens is planoconvex, 59.5mm x 22mm thick with a focal length of approx 62mm. Made in England by British Optical Ltd., it's kind of like a giant contact lens that makes the stuff you're viewing through it bigger and kind of trippy.

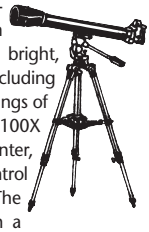
42757 **Aspheric Lens** **$4.95/pkg(2)**

Reach For The Stars

The AstroMaster 76EQ Telescope by Celestron® is great for budding stargazers. 76mm dia with a 700mm focal length. Includes a (35X) eyepiece, starPointer, erect image optics, and a German Equitorial mount, which allows you to track a celestial body on its elliptical path across the sky with the turn of a simple knob; no more chasing the moon and stars through endless blackness. Also has a steel-tube tripod, coated glass optics for crisp images and the SkyX-First Light Edition astronomy software with a 10,000-object database, printable sky maps and 75 enhanced images. Quick and easy, no-tool setup. For versatility, pick an additional Plössl eyepiece: the 15mm eyepiece at 46X magnification; or the 6mm at 116X magnification.

14464 **AstroMaster Telescope** **$149.95/each**
92235 **15mm Eyepiece** **$34.95/each**
92234 **6mm Eyepiece** **$34.95/each**

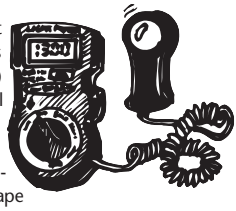
90AZ AstroMaster® Telescope



Need a dual-purpose telescope for both terrestrial and celestial views? The Celestron 90AZ AstroMaster is the answer. Produces bright, clear images of the Moon and planets including good views of the moons of Jupiter and the rings of Saturn. It's 90mm diameter, with 50X and 100X magnification, permanently mounted StarPointer, erect image optics, pan handle Alt-Ax control with a clutch, coated glass optics, and "The Sky"" , level-one planetarium software with a 10K object database and enhanced images. The rugged, 1.25" steel tripod is pre-assembled, and it comes with an accessory tray.

14463 **90AZ Celestron AstroMaster®** **$279.95/each**

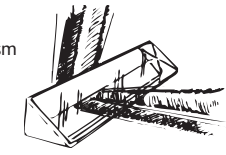
Digital Light Meter



This Velleman DVM 1300 Light Meter displays measurements between 0.1 and 50K lux in (5) different ranges on a liquid crystal display with (4) 1/2" high digits. Filtered 1-1/2" dia sensor on a 13" coiled cord. The 4-5/8" x 2-3/8" x 7/8" case has reflective tape on the back for dealing with a shadow. Comes in a vinyl case with a recommended-illumination chart and a 12-volt battery.

92715 **Light Meter** **$59.95/each**

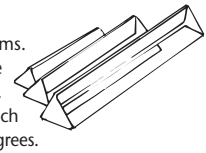
Monster Prism



Optical grade unsilvered glass prism from Uncle's WWII tank periscopes. This one is 2-1/8" on the hypotenuse, 5-3/4" long, and 1-1/2" on each leg. They may come with small non-interfering chips or surface scratches. Great for classroom experiments or for art projects. These are a true surplus find and they will not last forever so get yours today!

3538 **Mini-Monster Prism** **$10.75/each**
3538P3 **3-Pack Savings!** **$19.95/pkg(3)**

A Pyramid of Prisms

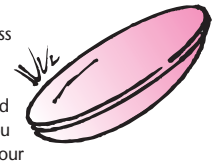


Polished glass equilateral prisms. Equilateral because each edge of the end is the same length, 32mm. Thus, as all you geometry students know, each of the angles is also the same, 60 degrees. These are school grade and are fine for decorative and demonstration. They do a nice job of refracting light to produce a nice rainbow-like spectrum, but are definitely not up to instrumentation standards. The missing dimension, length, is shown below.

31801 **Prism, 2"** **$7.95/each**
31798 **Prism, 4"** **$9.95/each**
31799 **Prism, 6"** **$15.95/each**

NEW!

Meniscus Lens



This positive meniscus lens is glass and measures 88mm/3.46" dia x 18mm thick at the center. It has a focal length of approx 228mm, and does cool things to whatever you hold it above--much cooler than your average spy glass. Great for art projects.

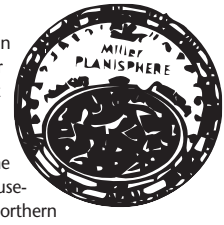
42759 **Meniscus Lens** **$3.95/pkg(2)**

Camera Tripod

A tripod with true portability — It weighs only 2 lbs; the 4–ft aluminum legs (which can be locked down independently at any length) telescope to a convenient 22", and it slips easily into a zippered black–nylon quiver. The mast, which has a standard 1/4–20 camera mount and a built–in level, can be cranked up (literally) another 9–1/2". The manufacturer doesn't say how much weight the tripod will bear, but we'd keep it to under 10 lbs. Very nice for the money.

92278 **Tripod With Case** **$27.95/each**

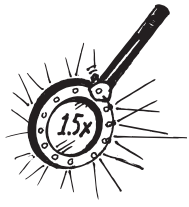
Starfinder



Whether you're a beginner or an experienced stargazer, with or without a telescope, you'll get more out of the night sky with a Miller Planisphere. This 10" rotating double disc is a map of the planets, stars and constellations, useful across a large range of the northern latitudes, although most accurate in the range of 35° to 45° north. It can be aligned to the time and date in your location to display a detailed map, and includes tips on finding the planets, suggestions for telescope projects, and more. It's an invaluable learning tool that makes stargazing a lot more fun.

91720 **Planisphere** **$12.50/each**

Sherlock-Sized & Lighted



This XL magnifier measures 3-3/8" dia with a 5" long handle, all rubber coated. Glass lens is 1.5X and surrounded by (12) bright white LEDs that run on (2) included "AA" batteries. Tap-on, tap-off switch. Good for everything from reading to looking at bugs and such.

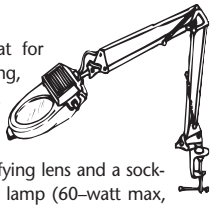
95019 Lighted Magnifier $4.95/each

Pendant/Frame/Magnifier Threefer

We truly, madly, deeply love multiuse stuff and this combination personal picture frame/pendant/lighted magnifier is a rare threefer. Slide a 1" x 1-1/2" photo into the red and white cover and wear it around your neck on the lanyard. Squeeze the little snap-lock to detach it and slide the top to reveal a 2X magnifier with a white LED light. Includes AG3 button cell batteries which might need replacing pretty soon on account of surplusiness.

41449 Frame Magnifier $3.75/each

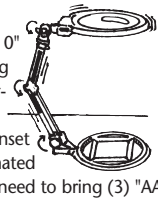
Magnif Lamp



Magnificent magnifier lamp! Great for hobby work, stamp or coin collecting, needlepoint, sewing and crafts, even reading if your eyes are "mature." The plastic head assembly has a 3.5" dia, 3 diopter magnifying lens and a socket with switch for an incandescent lamp (60–watt max, plugs into any wall switch). This is mounted on the end of an arm with (2) roughly 15" long sections that swivel to allow precise positioning over your work. The arm clamps onto a table top.

89418 Desk Magnifying Lamp $19.95/each

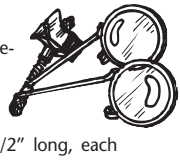
Stands Up And Folds



This giant 5" dia magnifier stands alone, 10" above a base with a mm/inches plotting scale, like a giant linen tester, but folds nearly flat for easy storage or portability. The large lens is 2X with a 5/8" dia 2X bifocal inset (ignore the description on the box). Illuminated by a very bright white LED. for which you need to bring (3) "AAA" batteries to the party. White plastic and chromed metal.

93711 Big Magnifier $13.50/each
92294 "AAA" Alkaline Batteries $1.95/pkg(4)

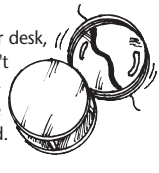
Double Vision



A clever twin–lensed loupe that clips on eyeglasses for hands-free magnification. Each 1" dia, 3.3–power glass lens is at the end of a thin metal arm and swivels easily. The metal clip mechanism is about 1–1/2" long, each lens and arm about 2–1/2" long. Use a single lens, or line two up to double the loupe to a 6.6 power. Individually, each has a 3" working distance. When they're used together, it's 1–1/2".

91793 2 In 1 Loupe $8.75/each

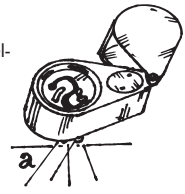
The Bigger Loupe



A good size for keeping on the coffee table or desk, and with a felt-covered bottom so it won't scratch the furniture, this folding loupe measures 2-1/2" dia in a bright-brass-plated case that's 2-7/8" dia x 11/16" thick when closed. Magnifies to approx 4X. You're gonna love it!

93978 Big 4X Loupe $6.95/each

Super Loupe



This extremely good quality folding jeweler's loupe in polished aluminum folds into a protective cover. It measures 1-5/8" x 13/16" and is teardrop-shaped when closed. Doublet lens, 18mm dia, approx 10X, lit by (2) very bright white LEDs, powered by (3) button-cell batteries that are included. It has a small loop for a chain, and comes in a plastic case with a small tool for accessing the batteries.

95095 10X Lighted Loupe $4.95/each
95095P3 3-Pack Savings! $13.50/pkg(3)

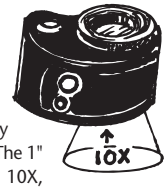
Mighty Bright Loupe

This 8X folding loupe in white plastic and aluminum has a pair of very bright white LEDs next to the lens. Runs on (3) button-cell batteries, included, and has a tiny wrench to help you replace them. When folded, it looks like a standard coach's whistle, or a really big apostrophe. Forgive the package for saying 30X - if it didn't say it, we wouldn't have it!

93705 Bright Loupe $4.95/each

NEW!

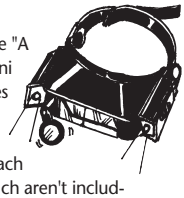
Apostrophic Loupe



One of our largest double loupes. Shaped like a giant apostrophe, it measures 2" thick x 2-1/2" long x 1-3/4" wide at the widest. Has a high-low beam white LED light, plus a UV LED light, both powered by an A23 battery, included and replaceable. The 1" dia lens has a thumbwheel focus and is 10X, according to the box, but we say it's closer to 7X.

95012 Big Lighted Loupe $8.95/each

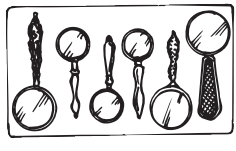
Up Close, And Up Closer



Forget watchmaking, you could write the "A Tale of Two Cities" on a piece of tortellini with this triple magnifier visor. Magnifies from 1.8X to 4.8X. Has a permanent 2.2X lens, a flip-down lens, and a flip-down loupe. Separate white LEDs at each temple, powered by (2) "AAA"s each which aren't included. The whole thing is in a black plastic visor, 7-3/4" wide x 5-1/4" deep with a flexible plastic strap held by a hook-and-loop closure. Opens to 9" max dia and has coated acrylic lenses. Now then: It was the best of times, it was the worst of times…..

92983 Headband Magnifier $9.95/each
92294 "AAA" Alkaline Batteries $1.95/pkg(4)

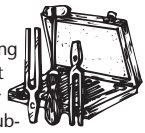
Lookers!



The kids need presents for all the grandmas and great-aunts? You volunteer at the nursing home and need token gifts for your L-O-Ls? And your eyes aren't so good, either? Our each is really half a dozen pretty little magnifiers with round lenses and fancy handles. The handles are silver-bright (hard to believe they're aluminum) and all different. Each has a discreet hole in the tip for a jump ring so it could be worn on a necklace - but it would look just as pretty on a desk. The overall length of the (6) magnifiers varies from about 3-3/4" to 5", the lenses from 1-1/4" to 1-3/4" dia. All are approx 2X magnification. Mary Ann's pick of the month.

92544 Classy Magnifiers $14.50/each

Me, Me, Me, Me, Mee



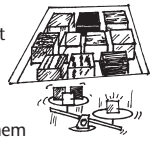
You can start with our single aluminum tuning fork, 2–tined and 7–1/2" long. It vibrates at 256 hz, and is labeled "C". Or you can order the set that has (8) forks and a mallet with a rubber–tipped plastic head. The forks are labeled low–C to high–C and come in a fitted, latched wooden box. Unfortunately, C.J., who has perfect pitch, tells us that his pitch is more perfect than most of the tuning forks. He also says you can file the tips, tuning them to an electronic keyboard until they're perfect – and we think there's a certain cachet to telling people you tuned the forks yourself. But they are perfect, if you're using them for things like teaching principles of sound or driving the chihuahua crazy.

91185 **Tuning Fork** **$3.95/each**

91772 **Tuning Forks, Set** **$34.95/each**

NEW!

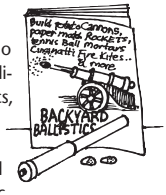
Density Desk Set



This 10-piece set of 1" cubes is made to test density in the classroom, and by all means you should do that. Otherwise, how will the children ever understand density? But we like to just play with the cubes, to set them on a desk, or stack them, or line them up, or make shapes out of them, or just pick them up and marvel at their weight differences. You get perfect cubes of aluminum, steel, brass, copper, acrylic, oak, nylon, pine, poplar and PVC.

95037 **Density Cubes** **$29.50/each**

Go Ballistic



If you're devoted to explosions, and who isn't, you'll love the new expanded 2nd edition of William Gurstelle's Backyard Ballistics, now 25% longer, with 25% more ka-boomery. Still the go-to reference work for building rockets, cannons (carbide and potato), flingers, fire kites, electromagnetic pipe guns, tennis ball mortars, cleaner-bag balloons, ballistic pendula and petards. You simply can't have more fun with common household materials. The soft-cover, 210pp compendium includes detailed and illustrated instructions, parts lists and sensible ways not to be hoist on your own petard. Be careful out there.

92823 **Backyard Ballistics** **$16.95/each**

NEW!

Whittle While You Work

Don't just sit there on the porch--whittle something so your kids don't think you're past it. The Little Book of Whittling has detailed instructions for beginners with (18) different projects, all of them cute little things (spoon, duck, birds, canoe, whistle, backscratcher, fish, fork, like that) to carve from sticks you find laying around outside. All you add is a jackknife and a porch. Moms who buy this for their kid automatically become a whittler's mother.

95059 **Whittling Book** **$12.95/each**

Bernoulli Balloon

All you add is sunlight to use this 50-foot long solar balloon to prove that Bernoulli was right. Pascal, too. Demonstrate buoyancy, convection, thermodynamics and the power of the sun. Measures 29" dia and comes with 400 feet of string, and instructions.

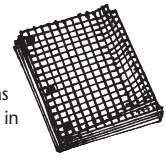
94970 **Solar Balloon** **$19.50/each**

Professional Steel Ruler

We've had amateur rulers in stock, but they just don't measure up. This Professional Stainless Steel Ruler from Helix® is a foot long with 1/16" gradations plus 1/32" for the first 4" and 1/64" for the 3"-4". Measures up to 30cm in 1mm gradations plus 1/2mm for the first 5cm. Ruler has a off-set cork back to prevent slippage and hanging hole.

42699 **Pro Ruler** **$4.95/each**

Just A Bunch Of Squares



Graph things to your heart's content when you get (2) of these 100-sheet packs of 8" x 10-1/2" quad filler paper, better known as graph paper. White paper with 1/4" squares in blue lines. Three-hole punched.

94392 **Punched Graph Paper** **$3.95/pkg(2)**

NEW!

Feel A Burning Desire, Do You?

Learn to Burn is a 95-page over-sized paperback guide to woodburning (pyrography) by Simon Easton, our favorite woodburner. Includes instructions and patterns for (14) projects, including napkin rings, key holders, boxes, photo frames, gift tags, coasters and more, plus many dozens of patterns including geometrics, alphabets and animals.

95057 **Woodburning Book** **$16.99/each**

Wars On American Soil

These (2) reproduction maps are printed on "antiqued vellum" and are both approx 15-3/4" x 14". They show, respectively, the locations of Civil War battles and the principal events in the Revolutionary War, along with chronologies at the bottom. Lots of info packed into a small space, but the kids will read them easily. You might want some glasses. Includes both maps.

94488 **U.S. War Maps** **$3.95/each**

NEW!

This Will Be Such A Relief

Start carving with Lora S. Irish's 127-page over-sized paperback Relief Carving Workshop, which includes techniques, patterns and projects for the beginning carver. Includes information on selecting and using the basic tools for (11) projects, including a green man, birds, Mayan high priest, beta fish, Celtic dragon, African mask and more. Profusely illustrated in color photographs and detailed drawings.

95056 **Relief Carving Book** **$19.95/each**

Toasters to Toilets

Start them out right with this (profusely) hand-illustrated, 96-page book: The Story of Inventions. Includes toasters, toilets, television, computers, cars, chocolate bars, dishwashers, pianos, flying machines, bicycles and blue jeans among many others. Includes a timeline, glossary and index. No age recommendations, but we like it for pretty much anyone.

94909 **Story Of Inventions** **$10.50/each**

Pens By The Pound

Just like buying salami, except you can't take notes with lunch meat, and these pens cost less than sausage. We bought them in bulk, and we're selling them in bulk. Our each is (2) lbs of assorted, but very nice, ballpoint pens with a gallimaufry of logos and names. For future reference, pens weigh in at approx (50) per pound, give or take. Please Note: Many pens in our current inventory contain religious material and photos.

39490 **Pounds-O-Pens** **$9.95/(2lbs)**

Make A Lot Of Mistakes?

Even a just man falls seven times a day, so don't be ashamed, just get this pack of (30) pointed 1" tall slide-on erasers for the tops of your pencils. Just like the ones you remember from school but in exciting lime green, fuchsia, teal, French blue and gray instead of that boring eraser orange.

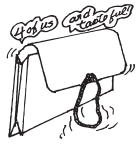
42558 **Designer Erasers** **$2.95/pkg(2)**

You Can't Go Wrong With These

Actually, you can go wrong with these because they're erasers, so feel free to go wrong all you like. From Helix®, they're made for your professional artists and designers, and measure 2-1/2" x 15/16" x 7/16" in soft rubber. Latex and PVC (and gluten) free.

42697 **Helix® Erasers** **$3.95/pkg(2)**

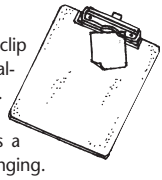
Traveling Files



Expanding file folders with a flap and elastic cord are secure file folders, and the poor professionals' briefcases. These measure 11-3/4" x 9-3/8" and expand to 1-7/8" thick. Two to a pack, so you get (4), in assorted, but always tasteful, colors.

42793 **Expanding Folders** **$4.50/pkg(2)**

Low-Profile Clipboard



The low-profile, approx. 5" wide steel clip stands just 5/16" above the 1/8" thick natural-tan pressboard of this trim clipboard. Measures approx. 12" x 9". Made to slip conveniently into a briefcase, but also has a hole on the backside of the clip for easy hanging.

38398 **Clipboard** **$1.95/each**

Executive Sticky Notes

Those flimsy yellow stickers are for the help. These Executive Stick-On Notes are 5" squares of 24lb ivory paper (25% cotton) with a 1/2" band of stickiness at the top. Made by Southworth. They're so nice our executive Pat just promoted somebody with one.

42134 **Big Ivory Sticky Notes** **$2.95/pkg(3)**

No Lines To Cross

Notebook paper for artists, designers or anybody else who prefers to follow their own lines. You get (200) sheets of plain white, 8-1/2" x 11", unlined three-hole-punched notebook paper.

42526 **Unlined Paper** **$3.50/pkg(2)**

Mechanical Color Pencils

Our mechanical color pencils are Sanford® .05mm pencils in assorted colors, filled with a couple of pieces of the same color (erasable) lead. We'll pick a 3-pack, which will make (6) pencils you'll get, in some combination of amber, pink, purple, yellow, green, blue or red barrels and lead. Barrels are plastic, 5-1/4" long, refillable with any color .05mm lead, but at these prices, no erasers or clips.

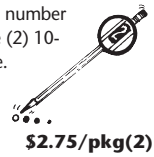
41300 **Color Mech Pencils** **$3.95/pkg(2)**

The Fat And The Thin Of It

Each package is a writing set with a fat-barreled blue ballpoint pen with a fine point and black ink, plus an equally fat-barreled red mechanical pencil that takes thin, 0.7mm lead. Both have pocket clips for your mobile storage convenience. Yes, "pkg(2)" means (2) sets, each with a pen and pencil in it, which sounds like a deal to us.

94624 **Pen And Pencil Sets** **$2.50/pkg(2)**

What's Our Favorite Pencil Number?

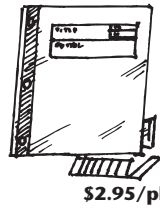


Everyone's favorite number for pencils is, yes, number two. Get ready for tests of all sorts with these (2) 10-packs of #2s, with erasers for the error-prone. (Those are ferrules holding the erasers on, by the way, and you're welcome.)

94675 **Number Two Pencils** **$2.75/pkg(2)**

NEW!

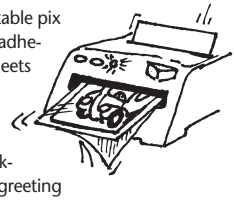
Divide & Conquer



You get (3) packs of (5) white, 8-1/2" x 11" index dividers with clear offset tabs and reinforced binder holes, plus a place for title, date, #, and detail fields, which you're free to ignore.

42923 **Index Dividers** **$2.95/pkg(3)**

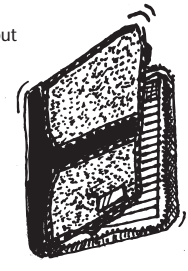
Sticky Pix



Skip the tape and print your postable pix directly onto this peel-and-stick adhesive photo paper. You get (12) sheets of glossy 4" x 6" acid-free and lignin-free photo paper, made to use in any inkjet printer. Perfect time-saver for scrapbookers, a simple way to personalize greeting cards, and a no-slip picture framing aid.

41738 **Adhesive Photo Paper** **$3.95/each**

Pleather Plortfolio



It's genuine faux ersatz imitation leather, but even Don Draper wouldn't be able to tell it from bovine epidermis. Our retro executive portfolio is 13-1/2" x 10" x 1-3/8" thick with a 3-side zipper closure. Inside there's a letter-sized legal pad, a file pocket, a wide zippered compartment, business card holder, 4-CD/DVD sleeves under a flap, (5) credit card slots and more. In authentic black pebble-grain pleather with contrast stitching and a little metal tab to engrave your initials on.

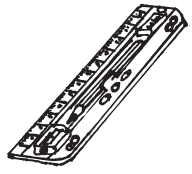
42122 **Executive Portfolio** **$9.75/each**

Shatter-Resistant Ruler

This clear acrylic shatter-resistant ruler from Helix® is 6" long, marked in 1/16" increments (with an offset zero!) and 15cm in 1mm increments. We're assured by some of our more unruly employees that shatter-resistance is important in rulers because they can splinter and cause harm when used to fling objects across the office. We wouldn't know about that.

41403 **6" Acrylic Ruler** **$3.50/pkg(4)**

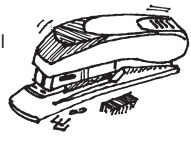
Universal Binder Set



Be ready for anything with this 12" plastic ruler, punched to fit in a 2, 3, or 5-ring binder and holding a 7" pencil, small pencil sharpener and a rubber eraser, because we all make mistakes. From Helix®.

42553 **Binder Set** **$2.95/each**

Staple Stapler

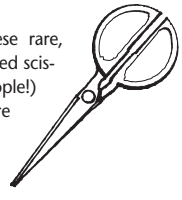


Your basic standard everyday universal lightweight regular office stapler for under (3) bucks. Measures 5" long x 2-1/2" tall (at rest) with a switchable strike plate and comes with (500) staples on account of we like you.

94788 **Standard Stapler** **$2.95/each**

NEW!

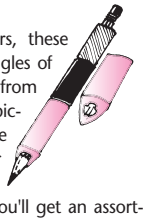
Summer Scissors



For your interior-designer friends, these rare, highly coveted, extra sturdy Teflon-coated scissors (I mean...they're Teflon-coated, people!) have hemispherical handles and are white from stem to stern, as it were. Measure 8-1/2" hipster inches overall. And yes, you should fell free to use them after Labor Day.

42913 **Teflon Scissors** **$6.50/each**

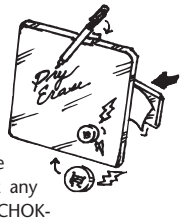
Crayon & Pen Grippers



For both tots and folks with arthritic fingers, these ergonomic comfort grips are 1-5/8" long triangles of soft rubber, approx 3/4" wide on each side, from Ticonderoga. Note that (despite the pencil pictured on the label of the bulk pack) these are the Jumbo size, with a 7/16" bore, slightly larger than a standard pencil, so they're made for the larger diameter crayons, pens, and markers. You'll get an assortment of colors that may or may not be neon. ⚠WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

38404 **E-Z grippers** **$1.50/pkg(12)**
38404P144 **E-Z grippers, Bulk** **$12.95/pkg(144)**

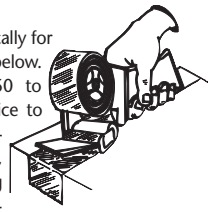
No Chalk, No Pins



The 21st century notice board uses magnets and markers. This 14" square dry-erase board comes with (2) 1" dia magnets, a clip-mounted black marker with a cute little foam eraser on the end and self-adhesive pads for mounting the board. Nice clean lines to complement any kitchen, studio or office. ⚠WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

42832 **Notice Board** **$8.75/each**

Carton Tape & Gun



An imported tape dispenser specifically for the 2" wide carton tapes listed below. Guns of this type retail at $9.50 to $11.50, but we're offering this price to you as an accommodation to introduce you to the thrill of packaging, and to let you transform your dining room table into a shipping department overnight. The clear tape is an uber-sticky 2" X 55 yards. A high-quality tape made in the USA can be used as protective covering over labels or for sealing cartons. And do compare the savings -- even discount stationery catalogs can't touch these prices.

10851 **Carton Tape Dispenser** **$5.95/each**
3994 **55 Yards Clear Tape** **$3.75/pkg(3)**

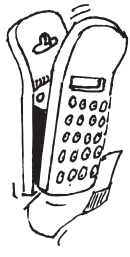
NEW!

Ivy League Pushpins

If you happen to be George Will, you're required to buy these. The rest of you should only buy them if you know someone who wears bow ties, ironically or not. You get (5) bow-tie-shaped pushpins (red, green, blue, yellow and orange) plus a little 60-sheet notepad with shirt-shaped pages.

95030 **Bow-Tie Pushpins** **$3.95/each**

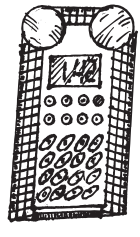
Clip On A Calculator



These little 3" x 1-3/4" x 1-3/8" 8-digit calculators have a spring-clip on the back so you can clip them to a clipboard or a shelf or a pocket or a file or a stack of bills or invoices or tax returns or a labrador retriever. You decide. Top says "whatever it takes our kids are worth it", but if your kids aren't it will scrape off. Works on a button-cell battery, included.

41918 **Clip-On Calculator** **$3.95/pkg(2)**

Flying Calculator



This little silver plastic basic-function calculator measures 3-1/4" x 5-1/2" with a clear plastic ruler that folds down on both sides. Open it and it looks oddly like a communications satellite.The ruler is millimeters/centimeters only, up to 320mm or 32cm. But it's still a lovely straight-edge, or a gift for a Canadian friend. Runs on a single replaceable button-cell battery, included.

41879 **Calculator-Ruler** **3.95/pkg(2)**

Little Red Pencil Sharpeners

These are little (2-7/16" x 1-7/16" dia) red pencil sharpeners, but you can sharpen pencils of any color with them. From Helix®, these hand-held sharpeners sit on a plastic barrel that fills up with shavings and is easily empty-able. If you want to pause and savor the fragrance of the shavings before you dump them, hey, that's up to you.

42554 **Pencil Sharpeners** **$3.75/pkg(3)**

Engineer's Fashion Accessory

No self-respecting number cruncher can afford to be seen without one of these fashion classics. We'll pick out (3) black or white vinyl pocket protectors in the traditional 5-1/2" x 3-1/2" size. Order quickly; It's only a question of time before these are seen on the runways in Milan.

18995 Pocket Protectors $4.25/pkg(3)

NEW!

Lumberjack's Mousepad

Any forester or arborist would love this roundish mousepad, approx 8" across with a graphic of a cross-cut tree. Fir, they tell us, and you could count the rings to find out how old your mousepad is. In the same colors as the inside of a tree.

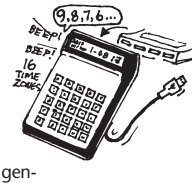
95047 Horticultural Mousepad $4.95/each

For Mature Adults

We won't tell anyone. We know you're a mature adult who's seen a lot over the years. You've seen so much that you've worn out those old eyes of yours. We won't tell anyone that now you need a 7–1/2" x 5–7/8" x 7/8" OA calculator with a big 8–digit 3" x 3/4" adjustable display. With big, high–contrast buttons. With all the standard memory, square root functions, etc., that you've forgotten how to do without a little help. And its battery operated so you don't even have to remember to use it in the sun. Ain't maturity grand?

31298 Big Calculator $1.95/each

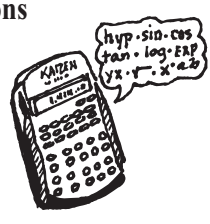
Countdown Calculator



Nice 8-digit calculator includes an alarm clock with 16 world time zones and a countdown timer that can be set for 99 hours 59 minutes and 59 seconds. (That would be one second less than a hundred hours.) As a ridiculously generous bonus, it's got a 4-way USB splitter on the bottom/back--a rare perk for any electronic device, let alone one as already attractive (and smart) as this one. Measures 4-1/4" x 3-1/4" x 7/8". Yours will have a silver or blue body, depending on which one is on top of the pile. Runs on a pair of button cell batteries, included.

42633 Countdown Calculator $5.75/each

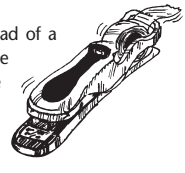
Buttons, Buttons, Buttons



This 10-digit scientific calculator has more buttons than a cable remote, but if you've read this far you know what they're for. Comes with a pair of button-cell batteries and a cover/bracket, and measures a pocket -friendly 4-3/4 x 2-3/4 x 3/8" thick.

42189 Scientific Calculator $3.25/each

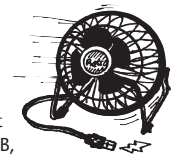
Two-Headed Desk Pal



We're in love with this thing. Has the head of a stapler at one end and the head of a tape dispenser at the other, which makes it the meanest animal in the office. (Old joke--ask your father.) Measures 7-1/4" long in silver and black plastic and takes standard staples and rolls of cellophane tape.

42637 Taping Stapler $4.75/each

Metallica Fans

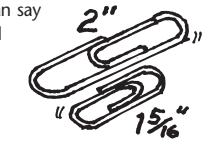


These miniature versions of the traditional floor fan say "Retro Mini Fan" on them, and the retro part is that the blades and cages are all metal. The handy part is that they're just 5-3/8" dia and the plug is a USB, ready to cool you off right from your (actual) desktop. Tilts 180° up and down and comes with a 4-foot cord. Super quiet, too. We'll pick one in red, blue or black.

94606 USB Powered Desk Fan $7.95/each

NEW!

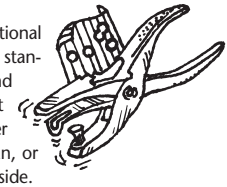
The Heartbreak Of Rusted Clips



Vinyl-coated paper clips mean you can say adios to the heartbreak of rusted paper aggregation in your office. You pick packages of (100) in white, either #1 clips (1-5/16" long) or 2" long clips for bigger projects.

42924 Small Paper Clips $2.95/pkg(4)
42927 Large Paper Clips $2.95/pkg(3)

Save The Holes!

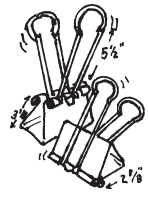


We've got your standard classic traditional hole punch right here. Makes your standard classic traditional 1/4" dia round holes in paper or cardboard, but includes a spring-loaded hole catcher so you can keep the office floor clean, or go into the confetti business on the side.

39587 Hole Punch $1.95/each

NEW!

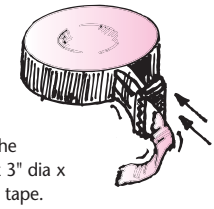
Brobdingnagian Binder Clips



You could bind the London phone book with these clips, if anyone still used phone books. In white enameled steel, the jaws are 2-3/8" with 2" jaws and 5-1/2" long handles. Also work as stands for place cards, hooks for hanging purses off the edge of tables or hanging wet children out to dry on clotheslines.

42914 Giant Binder Clip $3.25/each

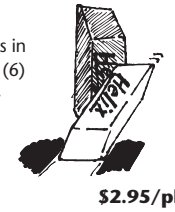
Kierkegaard's Tape Dispenser



Our most Scandinavian tape dispenser ever is in gray and fashionable lime green. Looks like a designer hockey-puck, but pop up the cutter and it's a tape dispenser with "Søren®" discretely printed on the non-green side. Measures about 3" dia x 1-1/2" thick, and dispenses 3/4" tape.

42072 Existential Dispenser $1.95/each

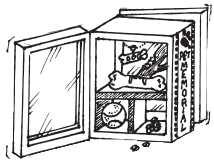
To Err Is Human



Ergo: erasers. Here's a trio of 2-packs in assorted colors, so you get a total of (6) chances to cope with your humanity. These are your classic parallelogram-shaped erasers, 2-5/16" x 13/16" x 7/8", from Helix.

39624 Eraser 2-Packs $2.95/pkg(3)

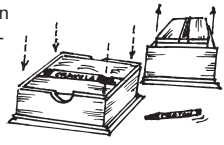
Two-Door Beauty



This extremely well made, heavy-duty shadow box has doors front and back. It's 10" x 7-1/2" x 4-7/8" overall, with an 8" x 5-1/4" clear-plastic window in front covering (3) 1-15/16" deep compartments. The back has a 1-1/8" deep compartment with a 2-1/2" tall slat to hold papers. Downside? None. If you need to memorialize a pet, the colorful box says "Pet Memorial" on one edge and has scattered paw prints. And if you have no pet to remember, a little spray paint makes this a killer desk-top box or wall cabinet. Hint: screw the back cover to the wall and it's a secret compartment.

41353 Memorial Shadow Box $7.50/each

You Can Just Dispense With This



Return with us now to those halcyon days when no living room was complete without a cigarette dispenser, and then use this one to serve up a single crayon, golf pencil, piece of chalk, pretzel or cigarette (chocolate or otherwise). In golden, unfinished pine, the box measures 6-1/8" x 4-5/8" x approx 3" with its base molding. Fill the inner box. Lift it and release it and it serves up one cigarette, or anything approx 3/8" dia x 4" or less, and makes you feel like Myrna Loy. Or William Powell, depending.

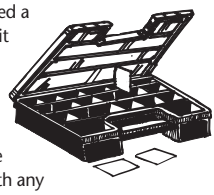
41966 Cigarette Dispenser $2.95/each

Foursquare

This 8" square x 1-1/8" deep translucent polypropylene storage box has a single latching flip-top cover and (4) 4" square compartments inside. Great for keeping jewelry, hobby and craft items organized, or for separating parts and pieces in tacklebox or toolbench. Shrink-wrapped in clear plastic, so it will stay pristine until you're ready to use it.

94095 4-Compartment Box $2.95/each

ALL Things To ALL People



This deluxe ABS storage case is called a Store-It-ALL, and it does. But it could be called a Carry-It-ALL, for the sturdy handle and locking clasp, or it could be called a See-It-ALL, for its translucent lid. Or a Fits-It-ALL, for the removable dividers that let you configure it with any number of compartments from 5 to 26. But the 12" x 18" x 3" OA case should really be called ALL-I-Ever-Needed- To-Get-Organized!

92454 Store-It-All Box $12.50/each

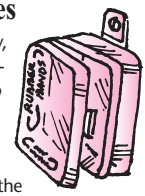
Peekaboo Canisters

Our aluminum canisters with clear glass pull–off lids are cool. The smaller canisters are aluminum–colored, a set of (20) 1–1/4" dia x 3/4" deep in a 6–1/2" x 5–1/4" x 7/8" lightweight aluminum box with a hinged lid. When the box is shut, a layer of foam padding inside the lid presses down on the canisters, keeping them securely closed. If you need slightly larger canisters, and a cardboard box will work instead of a carrying case, try our colorful display of anodized tins. They are packaged in sets of (12) and come in great assorted colors and are 2" dia x 7/8" deep. Each is an ideal carrying case for paints, many different screws, or other sets of small items or quantities that must remain separate. Prices are per set.

89964 (20) 1–1/4" Canisters $8.95/each

91895 (12) 2" Cansters $9.95/each

Custom Rubber-Bandless Boxes



These little lidded clear plastic boxes are empty, but they used to hold those funny-shaped rubber bands that 13-year-old girls just had to have a few years back but don't have to have anymore so we have the empty boxes that are imprinted with "Custom Rubber Bands" on top even though they were never really custom in the first place. They are, however, quite handy for holding all kinds of small things--like pills and tacks. Just keep those things in separate boxes. Measure 2-3/4" x 2" x 15/16" deep.

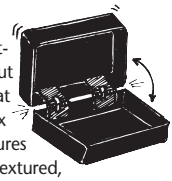
42712 Rubber Band Boxes $3.50/pkg(10)

Fill 'Er Up

It's a nice, empty black box waiting for you to fill it with pens, batteries, earbuds, cords, drill bits, lures, chargers or all the other things you can never find. Measures 7" x 2-1/2" x 1-3/8" deep in matte plastic with a push-button latch. Unlike most, it won't flop over on its back when open. Pull out the plastic insert (it used to hold a pen set) and you're ready to go. Ignore the "Presalite" logo on the top, or obscure it with a permanent black marker.

40249 Little Black Box $2.95/pkg(6)

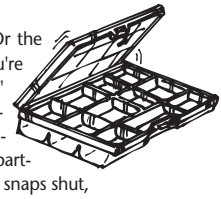
Black Box



This hard-plastic black box has brass-plated, spring-loaded hinges that snap it shut or hold it open at a 90° angle. (And that don't snap off themselves after six months, like the plastic hinges do.) Measures approx 6" x 4" x 2-1/4". The surface is textured, with a 2" x 4" smooth label section on the top.

93702 Hinged Black Box $2.95/each

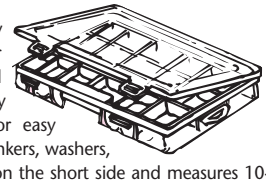
Safe Storage



It just ain't gonna spill the beads. Or the fishhooks, or screws, or whatever you're storing in the 7-1/2" x 5" x 1-1/2" deep Store-in-It box. The translucent-plastic box with (1) 3-1/2" x 1-1/4" and (10) 1-3/4" x 1-1/2" compartments has a hinged lid that not only snaps shut, it has an extra little security latch. Rounded bottoms in the compartments make it easy to pluck out even the smallest items.

92578 Divided Box $2.25/each

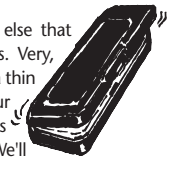
Easy-Pick Storage



And see-through, too. Handy clear plastic storage box/sorter with a double-snap lid and (18) compartments, slightly rounded on the bottoms for easy pickin' of tiny things-beads, sinkers, washers, like that. Has a hanging tab on the short side and measures 10-5/8" x 7" x 1-5/8" deep, with 1" hash marks across the top.

92817 Storage Box $5.90/each

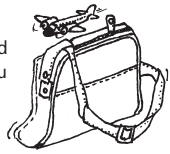
Flip-Top Case



Nice little hard-shell eyeglass (or anything else that fits) cases, with faux suede-ish-like interiors. Very, very assorted, from a burgundy plastic with a thin ersatz gold-esque edge, to a fake ocelot-fur pattern, and lots in between, each measures a rounded 6-1/4" x 2-3/4" x 1-3/8" thick. We'll send (2) different cases to you.

38487 Eyeglass Case $5.50/pkg(2)

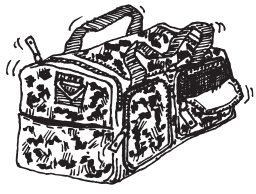
Almost Free Flight Bag



Back in the Wright Brothers' day airlines used to give you these free flight bags when you flew first class--and this was during a time when first class airfare didn't cost the same as a mid-sized car. These bags look just like those except they're blessedly logo-free. Measure 14" x 11" x 5" in a tasteful light gray nylon with an adjustable 1" wide strap, a side pocket and a zippered top--and they're practically free, especially when you think about the cost of first class air travel or a new car.

42576 Flight Bag $4.50/each

Digital Duffel

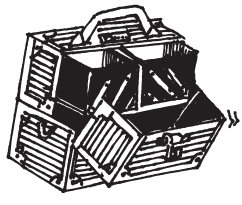


Our big square duffel bag is made of water-resistant polyester canvas in a digital camo design, perfect for members of the military or anyone who wants to hide luggage in the woods. Measures 25" long x 14" square with 14" square x 2-1/2" pockets on each end with slide-in compartments on the outside and a pair of 9" x 10" zippered pockets on the front. Light olive canvas handles and a matching detachable shoulder strap.

94934 Camo Duffel $26.50/each

NEW!

Articulated Travel Cases



These are sold as cosmetic cases or mini-flight cases, but there are no rules; carry anything you like in them. They're made like fishing tackle boxes, with swing-up compartments to hold...stuff. The silver aluminum box is 9-1/2" x 7-1/2" x 6-1/4" with (4) fold-out fabric-covered 5-1/8" x 3-3/4" x 1-3/8" compartments and a combination latch, a padded 42" adjustable shoulder strap and a discreet "MEZZI" logo on top.

42824 Silver Case $19.75/each

This Case Is Ideal

It's a padded black nylon-canvas pouch with a double zipper and a 3" belt loop. Measures 8-1/2" tall x 3-1/4" x 1-1/2" deep with a rounded top and an interior sleeve for half its height. Made to hold an IDEAL® multimeter, but you could carry anything in it, including your personal ideals because it has the IDEAL logo on the front. Lacking ideals? Just cut the stitching on the patch.

41932 Ideal Case $3.50/each

Monkey Dishes

Little bowls like these are called monkey dishes in the restaurant business. Doesn't pay to ask why, we think, but they're extremely handy. These are stainless steel, 4-1/2" dia x 1-1/2" deep. They're marked "Pet Bowl," but wouldn't work for anything over kitten size. We'd use 'em for peas, paints, pickles, peanuts, paste, prune pits, like that. You run out of p's, you could use them for ketchup, mustard or mayonnaise.

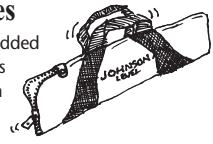
40453 Small Steel Bowl $4.95/pkg(3)

Burgundian Backpack

Some people would make Ron Burgundy jokes about the wine color of this canvas backpack, but we would never stoop to that sort of cheap joke. We're too classy. Measures 11" wide x 15" tall, with straps and a handle on top, (2) extra zippered compartments on the back and elasticized water bottle holders on each side because we live in hydrated times.

42571 Burgundy Backpack $5.95/each

The Straight Skinny Cases



These black nylon, zippered and padded cases were made for Johnson levels (and are so logoed) but we use them for toting salamis to the office, or transporting our broom handle collection. The shorter one measures 26-3/8" long x 5" and could be used for a two-piece pool cue, knives (if you're a free-lance chef), a clarinet or flute, or the straight skinny if you find it. The longer one, 72" long x 5-3/8" with an 18" zipper at one end, won't fit in the overhead but could be used to carry a hiking stick, stuffed snake, pair of matched fungo bats, an extreme kielbasa, a one-piece pool cue or a two-piece that you don't feel like taking apart. Both have canvas handles in the mid-section, for carrying.

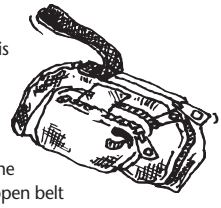
42778 Two-Foot Case $6.50/each
42779 Six-Foot Case $12.50/each

Pocket Pouches

These plastic pouches are just right for preserving business cards, although they were made to hold fishing and hunting licenses. They're marked "American Hunting Club" or the fishing equivalent. Assorted colors (our pick), 3-3/4" x 2-3/4", they unfold to reveal a clear-covered pocket on one side.

41689 Card Pouches $2.95/pkg(6)

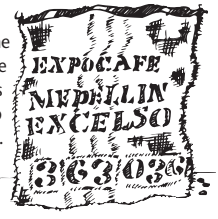
For Pouch Potatoes



Our dark blue canvas zippered pouch is 7-1/2" x 5-1/2" by approx 2" thick, with a second, 4-3/4" x 4-1/2" zippered pouch on the front. An unobtrusive and unidentifiable (at least to us) logo is stitched on it, and on the back are (2) elastic straps and a snap-open belt loop perpendicular to them, so you can wear it vertically or horizontally. No belt? It has a 5" long wrist strap.

41974 Pair Of Pouches $3.95/pkg(2)
41974P5 Five Pouches $5.95/pkg(5)

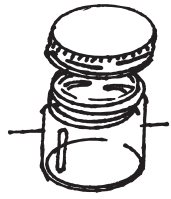
Hey, Jute...



Time ago, burlap bags're all over the place, child. We used 'em to make sandbags, protect winterin' plants and keep down weeds, sew up scratchy britches, and collect frogs. Made dog beds out of 'em, fulla wood chips. Mama called 'em tote sacks or croker sacks, and daddy aluss kep' a few in the bed of the pick-up. 'Course daddy went and died and them plastic bags took over. Mama hated that. These here burlap bags used to have coffee inside and they say they're from lotta different countries and your'n might could be anywhere from about (3) to (4) foot long by 28" wide, good fer big dogs or small dogs-lotta frogs either way.

20372 Burlap Bag $7.50/pkg(2)

Little Paint Jars



You don't have to keep paint in these, but they're exactly like the little glass jars that tempera paints used to come in before everything came in plastic. Measure 2-1/2" tall x 2" dia in clear glass with white metal gasketed screw caps and hold (2) oz.

42657 Small Glass Jars $5.95/pkg(10)

NEW!

Amber With White Caps

These amber glass rounds hold 5 oz/140ml and measure 3-7/8" tall x 2-1/4" dia with a shoulder and a 1-3/8" ID mouth. Come with gasketed steel screw caps. Made in the USA.

41243 5 OZ Amber Rounds $3.95/pkg(5)

Octobottles

These clear glass octagon 10 oz bottles are nice enough to leave out on the counter. Measure 4-1/4" tall x 2-11/16" from flat side to flat side with white plastic gasketed screw caps.

42658 Octagon Bottles $3.95/pkg(5)

Velveteen Pirate Pouch

A find that's a real treasure. This little 2" x 3" black velveteen drawstring pouch is ideal for storing or carrying a necklace, earrings, or a fistful of diamonds. Leave the silver-colored skull and crossed sabers stenciled on one side alone to warn thieves away, or remove it easily with a damp cloth. You get (4) bags, enough for all your booty.

93529 Velveteen Bag $3.75/pkg(4)

Disposa-pouch

A pharmaceutical company gave these handy buggers away at one time, but they didn't put their name on them! (Someone probably got fired.) You get (5) Tyvek-ish pouches with a clear front so you can slide a piece of paper in there with a logo or message on it, or something more substantial, like a small water bottle. Pouch measures 8-3/8" x 4-5/8" and connects to a not-so-disposable white nylon adjustable strap/belt, 15/16" wide x 65" long with a white plastic snap buckle. The straps alone are worth twice the price.

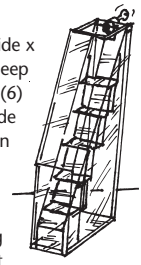
42480 Pouch & Strap $4.95/pkg(4)

A Briefer Case

Call it the bag of a lesser messenger. This dark olive Extreme Pak™ tote looks like a mini-backpack but has a shoulder strap plus a pair of handles. Measures approx 11-1/2" tall x 8-1/2" wide x 6" deep front to back, it's got a big inside zippered compartment, a smaller zippered pouch on the bottom, a pair of hook-and-loop closed pockets on the top, plus a plethora (that'd be 10) of band loops to hang stuff off. Mfg suggested retail is over $30. Just saying.

94849 OD Briefcase-Bag $11.95/each

Cascading Display Rack



In heavy acrylic, this rack is 20"tall x 3-1/4" wide x 6-1/2" deep at the base tapering to a 1-3/4" deep top. Made to display pre-paid calling cards in (6) 3" wide x 4-1/2" deep x 3/4" slots that cascade top to bottom. Even as we write this we can hear it in the warehouse, screaming to be used to display your precious collection of whatever you collect that will fit. Includes a keyed lock and has a pair of slotted mounting holes on the back for hanging. Alternatively, it could keep your kids hands off the candy bars.

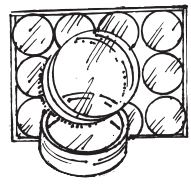
42669 Display Rack $12.50/each

16mm Rides Again

16mm film may be gone, but those flat cans they were stored and mailed in live on. We've got about half a gazillion of them, all used and most covered with stickers, titles, numbers, nicks, scratches, dents, dings and other authenticating details. Measure between 7" and 14" dia and from 3/4" to 1" thick in assorted colors of steel or plastic. We'll pick three different ones and mail them to you, OK?

42142 Film Canisters $7.95/pkg(3)

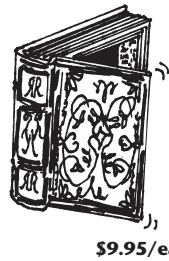
Circles In A Square…ish Box



You can store a plethora and a half of things in this staggeringly cute set of a dozen screw-top clear plastic canisters, 1-1/4" dia x 3/4" deep, that fit perfectly inside this 6-3/8" x 4-3/8" x 1" deep clear plastic lidded box. How they got those circles in a rectangle is a Euclidean mystery.

93503 Clear Canisters In A Box $4.50/each

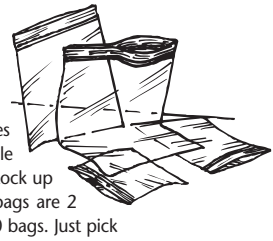
Is The Library Safe?



This isn't a book, but it's definitely book-ish. Looks like a leather-bound volume from the Bodleian but it's just a little wooden box, approx 8-1/2" x 5" x 2" (7" x 3-7/8" x 1-5/8" inside) that's perfect for stashing the jewels, cash, or whatever you need to stash in plain sight on the shelves.

94850 Book Safe $9.95/each

What Old Bag?



Who's an old bag? Watch your mouth. What we have around here are young plastic bags with clear complexions and tight zipper closures. Sizes range from itty bitty to sizable and spacious, so be sure to stock up on all of them! Each of the bags are 2 mils. Our each is a bag of 100 bags. Just pick the size you like! Please note that the exact size can vary, usually smaller, due to the manufacturing process used overseas.

90273	**Zip Seal Poly Bag, 1" X 1"**	**$1.75/each**
90274	**Zip Seal Poly Bag, 2" X 2"**	**$2.00/each**
36562	**Zip Seal Poly Bag, 2" X 3"**	**$2.25/each**
34552	**Zip Seal Poly Bag, 3" X 4"**	**$2.95/each**
92904	**Zip Seal Poly Bag, 5" x 7"**	**$3.50/each**
34551	**Zip Seal Poly Bag, 6" x 9"**	**$4.95/each**
92905	**Zip Seal Poly Bag, 8" x 10"**	**$6.95/each**

Little White Pet

This white PET plastic flask has a black gasketed screw cap, holds 350ml/11.8 oz, and measures 6-1/2" tall x 3-7/16" dia at the bottom, tapering to a 1-1/4" dia neck with a 25/32" ID. The lableess might consider this a cutting-edge hipster kitchen item and write on it with a black marker.

41055 **White Lab Flasks** **$2.95/pkg(3)**

Snap-On-Snap-On Lids

Our snap-on department head loves these new 4 oz white squeeze bottles with snap-on lids that have another snap-on lid on top for dripping liquids. These are so much like contact-lens-cleaner bottles that we think they are contact-lens-cleaner bottles. Measure 5-1/4" tall x 1-3/4" dia. Not gasketed, but double-ringed to make them watertight. There's got to be something you could use these for on a camping trip, or in you basement laboratory.

42102 **Dripper Bottles** **$3.50/pkg(10)**

NEW!

Biggest Pill Box In The Universe

These watertight aluminum screw-top canisters are gasketed, lined in nylon and come with a 1" slip ring to attach to whatever. Measure just over 2-1/2" tall x 1-1/8" dia, so they're suitable for a lot of pills or any number other things you need to keep dry or safe. We'll pick one in black, red, gold, blue or green.

95011 **Watertight Canisters** **$3.95/each**

Copiouser Cups

Sixteen ounces? Don't make us laugh. These polypropylene storage/paint/game cups hold 28 oz, plus they have bigger mouths and bigger bottoms, just like you. Each is 5-1/2" tall x 4-1/2" dia at the top, which means beer pong is a lot easier. Not sold solo. You get (25) at a lick. Sorry, no lids. Made right here in the US of A.

41518 **Big Plastic Cups** **$6.95/pkg(20)**

NEW!

Replacement Spritzer Cap

No, not for replacing your cap, for replacing the cap you broke on your small spray pump bottle, or converting a small bottle to a spritzer. This one is white plastic with a 20-410 thread, gasket, 3-1/4" long feed tube and a clear plastic cover.

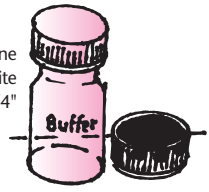
42678 **Spray Caps** **$2.95/pkg(10)**

Jiffy Cups

Made for JIF® peanut butter, which you can tell on account of the "JIF"® that's embossed on the bottom, these 2-1/2" dia x 1" deep PET plastic cups are ideal for paints, beads, glitters, glues, gerbil food, paper clips, keys, spare change and any number of other things.

42471 **JIF® Cups** **$2.50/pkg(25)**

Little Nalgene Bottles

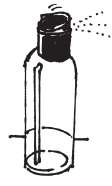


These 5ml (0.17 oz) clear Nalgene plastic bottles will have black or white gasketed screw caps. Measure 1-3/4" tall x 7/8" dia with a small shoulder and a 7/16" ID mouth and the word "Buffer" silk-screened on them.

42676 **5ml Nalgene Bottles** **$3.95/pkg(10)**

NEW!

Lotion Notion



These clear PET bottles hold approx (4) oz and come with a lotion cap. They're the ones you push and they pop up on one side with a little hole in the tipped up part. Cute. Bottles are 5-3/8" tall x 1-9/16" dia with a shoulder and a 19/32" mouth.

42666 **4 oz Lotion Bottles** **$3.95/pkg(10)**

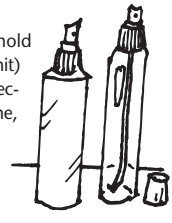
Play Misty For Us

This white plastic bottle has a fuchsia misting pump on top and is ideal for spraying your plants or keeping your face hydrated in the hot sun while watching polo matches or T-ball games. Holds 200ml (just under 7 ounces) and measures 7" tall x 2-1/2" wide x 1-1/2" thick in a truncated ovoid shape, not unlike most of us.

42670 **7 OZ Mister** **$3.75/pkg(4)**

NEW!

Little Spray Bottles



These pocket-sized spray bottles hold approx 2 oz (under the TSA 3-oz limit) with gasketed pumps and clear protective caps. You pick the white HDPE one, just under 5" tall over all (bottle is 3-3/4" tall) x 1-3/8" dia, or the clear PET bottle that measures 5-3/8" tall over all (bottle is 4-1/8" tall) x 1-1/4" dia.

42675 **White Spray Bottle** **$4.95/pkg(8)**
42677 **Clear Spray Bottle** **$4.95/pkg(8)**

Dropper

Eye dropper, tongue dropper, test tube dropper, petri dish dropper, anywhere dropper. Use this 3" glass dropper, with a rubber squeeze bulb to drop small amounts of liquid wherever you think they should go. You will have to measure by counting drops, though, because there are no markings on it. Also, it is called "3" because that is about how long the glass tube is. Overall, it is 4" long.

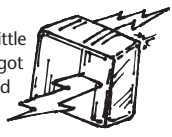
89039 **Dropper, 3"** **$2.75/pkg(8)**

Jar Jar JIFS

Introducing: peanut butterless peanut butter jars that are new and unused. In clear PET plastic, you pick the 32-oz, 6-1/2" tall x 3-7/8" dia with the red JIF® screw cap or the 12-oz, 5" tall x 2-7/8" dia with the blue JIF® screw cap.

42472 **32-oz JIF® Jars** **$4.95/pkg(5)**
42474 **12-oz JIF® Jars** **$3.95/pkg(5)**

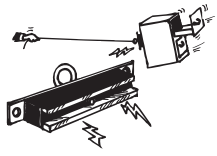
Killer Magnet



Once upon a time, a copywriter put this little magnet next to his computer monitor and got really pretty, wavy, aurora-like effects. And then got a new monitor! Don't try this at home. Our shiny, silver-colored 1" x 1" x 1/2" neodymium magnet looks innocent, but is industrial strength, pulling something like 25 lbs with enough strength left over to erase all your credit cards. And wreak havoc with your monitor.

38694 Killer Magnet $14.50/each

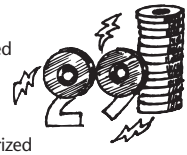
A Real Grabber



Okay, it isn't the cheapest magnet in the warehouse - but we dragged John's 165 lb filing cabinet around the dock with this 4-7/8" x 1" x 3/4" ceramic magnet, we're rating it conservatively at 100 lbs of pull, and we think it's a bargain. It has a 6" bracket with mounting holes on 5-1/2" centers, plus a 1/2" ID eyehook bolted into the center of it. It's all set to troll the bottom of the lake next time your filing cabinet falls overboard.

91949 Pick-Up Bar Magnet $10.95/each

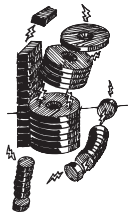
Plain Donuts



Can't beat a classic. These uncoated ceramic donut magnets have a 1-lb pull, which makes them dandy for classroom or refrigerator use. They measure 1-1/4" dia x 3/8" ID x 3/16" thick and are polarized on the faces. You get a wrapped roll of 29 donuts.

40007 Uncoated Magnets $5.95/pkg(29)

Mess-O-Magnets



A whole bunch, yea a whole classroom's worth, of ceramic magnets for a song. You'll get 2 pounds of the attractive little things, which will be a few dozen or more of them in assorted sizes and shapes. The largest are likely to be 1-1/4" dia and the smallest 1/2" x 1/4" but there may be others, and they're all strong little buggers. Buy in bulk and make your own maglev model train. Our each is 2 lbs.

93651 2lbs Assorted Magnets $8.50/each

Curvy Cutie

Why is a slightly curved magnet nicer than a perfectly flat bar magnet? Because you can pick it up off a steel surface without going crazy. This one is 3-1/2" long x 1-1/8" wide x 3/8" thick with an approx 4-lb pull. Easy to pick up, yes, but this would also make a dandy armature component, being curved and all.

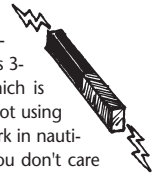
41053 Curved Bar Magnet $5.00/pkg(2)

A Lot Of Pull

Pick up this 1–3/4" x 7/8" x 3/8" ceramic pick–up magnet while we still have it. It's in a heavy metal housing and has a stationary metal hoop, about 1/2" i.d., on top. The manufacturer tells us the magnet will grab up to 30 lbs of metal, and while Pat wouldn't bet on anything over 20 lbs, it's still very strong. Especially if you're going to dangle it on the end of a cord to gather spilled nails or to fish your keys out of the lake/pond/sewer/drain!

91859 Pick–Up Magnet $2.95/each

Holiday Magnet

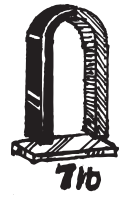


This holiday-appropriate bar magnet is painted red and green to mark the poles. Measures 3-7/8" x 5/8" x 3/8". Approx a 4-lb pull (which is strong for a bar magnet), and when you're not using it as part of a Christmas motif, it will also work in nautical scenes and anything Italian-themed. If you don't care about colors, it's just a really soild bar magnet.

42732 Bar Magnet $6.95/each

NEW!

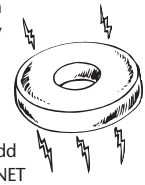
Ponyshoe Magnet



A nice classroom item, this horseshoe-shaped magnet measures 3-1/8" long x 2-3/8" across and is painted red and green on opposing sides. Approx 7-lb pull, which is strong for a horseshoe magnet, and comes with a steel bar across the business end.

42734 Small Horseshoe Magnet $12.50/each

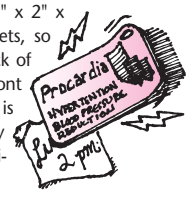
Dandiest Donut in the Domain



Donut magnet you can take to town!! 74mm dia x 14mm thick with a 30mm hole. Very strong and well pedigreed - in fact, its kin are activating pacemakers. They are of a high permeability ferrite material with a lovely light blue or white epoxy coating. Okay, we have them because there is the odd bubble, slight scratches or the word MAGNET painted in the coating which ruled them out of the medical ball, but they're fine company nonetheless. Good display bases, paper clip traps, and super for classroom demos.

2823 Black/White Donut Magnet $3.75/each

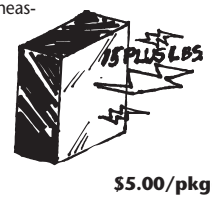
Practically Free Fridge Magnets



A thin dime buys you one of these 4" x 2" x 1/16" thick promotional fridge magnets, so you can see how crazy cheap the pack of (25) is. These were overprints, so the front of each carries an advertisement which is easily covered up, or slightly less easily peeled off, and replaced by YOUR business card! You're gonna love these!

40185 Fridge Magnets $2.50/pkg(25)

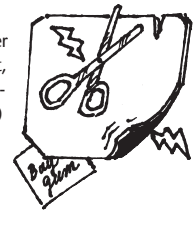
Hunka Hunka Ceramic Magnet



Our chunkiest ceramic magnet measures a blocky 2-5/8" x 2" x 1" and has imperfect white paint on its north face. It's as powerful as it looks: our Magnet Appreciation Manager estimated it conservatively at a 15-lb pull.

41355 Chunky Magnet $5.00/pkg(2)

Bigger Sheet Magnet



This strontium ferrite sheet is stronger than your average fridge magnet, and considerably bigger. Measures 7-3/8" sq x over 1/16" thick, with (2) adjacent corners trimmed off. Rubberized finish; black on one side, writable white on the other. Can be easily cut with a scissors.

40797 Sheet Magnet $6.95/pkg(2)

Small But Rare

Very nice little rare-earth magnet, 3/8" dia x 1/16" thick. Disk-shaped, plated, with good pull for its size. Perfect for a latch on a storage box or cabinet door when paired with a small steel screw or brad.

40643 Small Disk Magnet $3.50/pkg(10)

Rare Find!

Rare earth magnets are usually killers for their size, and these thick nickel neodymium discs are no exception. The price, on the other hand, for (3) 7/16" dia x 1/4" 5-lb lift or (2) 9/16" dia x 3/16" 8-lb lift magnets each stored on a 2" dia steel disc, is a rare exception.

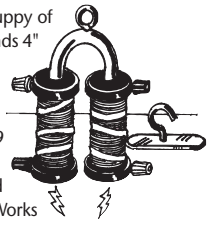
93463 Magnets, Set of 2 $4.25/each
92042 Magnets, Set of 3 $4.25/each

Bar^{10}

Buncha bar magnets made right here in these United States. These are attractive black ceramic, 1-7/8" long x 3/8" square, with an approx 2-lb pull. Nice for craft and science fair projects, and priced so that the whole class can experiment with iron filings at the same time. (Guess who sells iron filings?)

41425 Bar Magnets $5.95/pkg(10)

Excellent Electomagnet



Physics project alert! This robust puppy of a magnet has dual 6V coils and stands 4" high x 3-1/4" wide, not counting the side terminals. Each coil draws 2.4A at 6VDC, and is conservatively rated for 40 Newtons (approx 9 lbs) at that voltage. Can be wired in either parallel or series, and comes with a mounting hook. Works great with a 6-volt lantern battery.

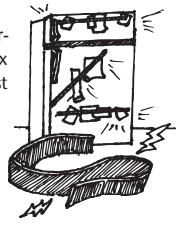
93088 Electromagnet $16.95/each

Nickel-Coated, Quarter-Sized

Nice rare-earth neodymium disk magnet, 1" dia, about the same as a quarter but over twice as thick at 4mm. Rare-earth magnets are permanent and powerful, and this one has approx 7 lbs pull, and always will. Comes with a galvanized metal keeper approx 2" dia so you don't lose it.

93798 1 Inch Disk Magnet $4.25/each

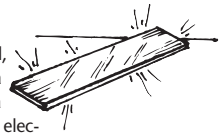
Hang On There



Looking for a very, very, very long refrigerator magnet? At 15 ft, this 7/16" wide x 1/16" thick magnetic strip should just about go up one side, across the top, and down the other side. It's flexible, but can be broken if bent back against itself -- which means that small children can make craft magnets without having to cut the strip or themselves! We love it when a plan comes together!

34204 Strip Magnet $2.95/(15ft)

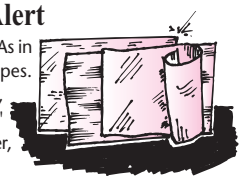
Electrodes-R-Us



Okay, they're just strips of metal, but CJ says one of each and a grapefruit will get you at least a "C" at the science fair. The copper electrode is 5-3/16" long x 3/4" wide x .041" thick. The zinc electrode is 4" long x 3/4" wide x .027" thick and stamped "ZN". And both of them are awfully useful for crafters and jewelry makers, too.

93293 Copper Strip $2.95/each
89718 Zinc Strip $2.95/pkg(2)

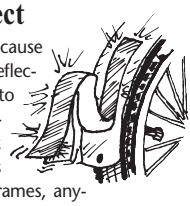
Sheet-Metal Worker Alert



Thin-sheet-metal workers, that is. As in crafter/jeweler/model-maker types. You get a 3-pack of very nice, bendable, metal foil sheets, 5" x 7" x .005" thick, (1) each in copper, brass and aluminum.

85058 Metal Sheets $6.50/each

Take A Little Time To Reflect



And people won't crash into you, because nothing says safety like this high-quality reflective tape, the same material that's used to make stop signs. You get (4) glossy, self-adhesive red reflective tapes, 12" long x 3/4" wide. We're thinking bike fenders and helmets, dog collars, garage door frames, anything that could benefit from a heightened visibility.

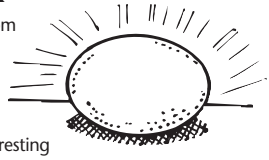
39825 Reflective Strip $3.95/pkg(4)

Magnetic Glitteration

Make your own sparkling magnets with our flexible, cut-able 8-1/2" x 11" sheet of 1/32" thick magnetic rubber. The silver glitter finish under a diffraction layer creates mesmerizing rainbow effects. You'll get (3) sheets of magic glitteration to play with.

38818 Glitter Sheet $3.75/pkg(3)

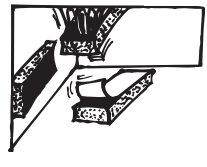
Egg McChameleon



Another gem plucked from the A.S.&S. mirabilia. The shape and size of a hen egg, this opaque stone (or matte–finished glass – we're not sure which) is interesting in itself. Touched with a red penlight in a dark room, the entire egg becomes a brilliant ruby color. Blue light/blue egg, etc. Fun and fascinating, and with a little sleight of hand, a sure way to convince the plebeians that you have some mysterious metaphysical power. ⚠**WARNING:** CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

91901 Magic Stone Egg $2.95/each

Absorbing Junior



When the dinky self-sticking pads you can get at the hardware store just aren't enough.... Our black neoprene rectangles are 1-1/4" x 3-5/8" x 7/16" thick. The self-adhesive foam pads cushion impacts, reduce vibrations, absorb shocks. Sounds like a perfect gift for the parents of a teen-aged male, but don't pass up the chance to own (10) of these great little pads yourself!

34678 Foam Rectangle $2.50/pkg(10)

Leather Leftovers

What's left of a Kansas City cow after all the steaks are gone? Lots of leather! (Think buckskin, not biker jacket.) You choose from: 1) The one-piece Lace Leather Belly. Really more of a long half-belly, this solid piece of leather is between 2-1/2 and 3-1/2 sq feet. Ours was approx 10-1/2" wide x 45" long x 1/8" thick. 2) A pack of Leather Strips. Ours was a very assorted 2 lbs of strips and larger pieces of leather, 1/16" to 1/8" thick, in rust and brown. 3) The Farmer Bundle Repair Bag, 2 lbs of scraps in various colors. Ours contained a solid 12" x 8" piece and a very large bundle of brown leather thongs 47" long x approx 1/8" square. Lots of variety, and lots of heavy leather for the price.

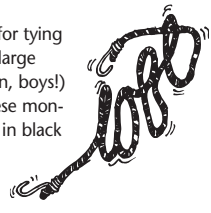
35664	**Leather Belly**	**$10.75/each**
35665	**Leather Strips**	**$8.50/each**
35666	**Farmer Bundle**	**$8.50/each**

Have A Seat

You know you love leather seats. Here's your chance to own the leather seat covers from a popular car without paying for the car. In very assorted styles and colors, some with lots of leather, some with a little. Could be from either side of a 60-40 seat. Our sample measures approx 19" x 19" x 6" side. Make your own car coat, just cut -em up for crafty purposes.

42562	**Leather Seat Covers**	~~**$7.95**~~**/each**
	New Lower Price!	**$3.95/each**

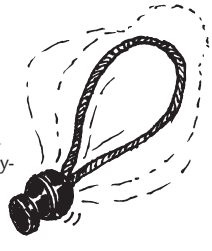
The Bigger Bungee



Mega-bungee cords. Just the ticket for tying down motorcycles, refrigerators, or large marsupials. (Tie your kangaroo down, boys!) Our each is a package of (10) of these monsters, approx 1/2" dia x 6-feet long, in black with green accents (colors may change), with 1" x 2-1/2" hooks on both ends. That's just over a buck apiece. Outstanding!

93107	**Bungee Cords, 10-Pack**	**$17.50/each**

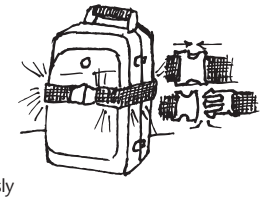
Scrunchiebungees



Bungeeish scrunchies. Whatever. These here are heavy-duty elastic cords, with plastic balls where the two ends join. The 6" long loop can stretch to about double that length. Suitable for holding pretty much anything, including Samoan linebackers' dreadlocks. You get a package of (45) in assorted colors including black, red, blue, green and gold.

94071	**6-inch Loop Bungee**	**$6.95/pkg(45)**

Strap These On



These probably-nylon canvas straps are 2" wide and adjustable from 37" to 70" and you get (2), (1) each in neon orange and chartreuse with translucent white snap buckles. Made expressly for wrapping around your luggage for security and ease of carousel-spotting, we think they'd also make nice summery (hip-slung) belts with the right outfit at, say, South Beach or Cannes.

94697	**Neon Luggage Straps**	**$5.75/each**

Rot-Resistant Twine

Don't you hate it when your twine rots? Us too. That's why we always use this mildew- and rot-resistant nylon twine for household repairs, gardening, boating, etc. You get (3) 325-foot spools of white twine for a total of 975 feet. Stretches to absorb shock and resist breaking.

94411	**325-Foot Nylon Twine**	**$4.25/pkg(3)**

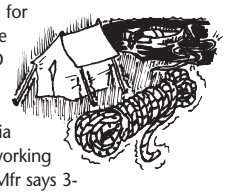
NEW!

The String Section

We've got string on spools, mostly white but some colors, from 1/32" to 1/16" in diameter, in lengths of 400 to 500 feet, ready for kite-flying or tying up a couple thousand brown paper packages. We'll pick a few spools for you.

42880	**Household String**	**$3.50/pkg(4)**

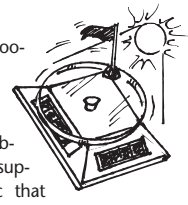
Rope For Midnight Cowboys



Glow-in-the-dark rope is handy for midnight cowboys but can save your life on boats (it glows AND floats) and can keep you from tripping over tent lines on camping trips. You get (50) feet of 1/4" dia polypropylene rope with a 116-lb working load and a 350-lb break strength. Mfr says 3-4 hours in the sun gives you 5 hours of nighttime glow.

94409	**Glow-In-The-Dark Rope**	**$6.25/each**

Take This For A Spin



Display all sides of any number of not-too-heavy items on this solar-powered motorized stand (think small model plane, jewelry display, bud vase holding a prize rose). The 4" square base has subtle solar panels on all four sides and supports a 3-1/2" dia clear plastic disc that rotates approx 4 rpm in sunlight and 1 rpm on our desk. Stands 1-3/4" tall with the disc.

94571	**Spinning Display Stand**	**$9.95/each**

Armagettem

At the very heart of surplus, these hardwood (wethinks oak or maple) chair arms have lost their chairs. You get a quartet of arms, stained a medium walnut shade and 13" long x 1-3/4" x 3/4" thick with a 1-1/2" x 3/4" notch (with a mounting hole) out of one end and another mounting hole near the edge of the other end. All sides are chamfered. Furniture makers, crafters and sculptors: embrace this opportunity.

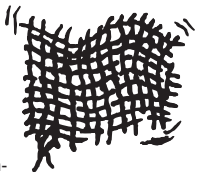
42476	**Hardwood Arms**	**$3.95/pkg(4)**

Oh. Rings!

No, not really O-rings. These black, fairly firm, closed-cell rubber rings, 3" OD x 2-1/2" ID x 3/4", were originally from a feed roller. If you don't have any unmet gasket needs, these also make nice bowling ball stands, ring-toss supplies, tires for custom-made wooden toy wheels, and perfect spill-preventing stabilizers around the bottom of large styrene coffee cups on copywriters' desks.

38496	**Feed Roller Rings**	**$2.95/pkg(8)**

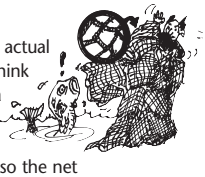
Oh, What A Web...



Nice nylon/polyester webbing is heavy-ish, woven with 5/16" squares and coated with a special weather-proofing. We can see it playing a major role in the repair of your back patio chairs, or as a sun-blocking canopy, a DIY hammock or some kind of storage sling. Something summery, anyway. The material comes 4-feet wide and we'll cut you a 3-foot hank. We'll pick from assorted colors.

12802 Webbing $6.95/(3ft)

Fishnets



Not fishnet stockings, but netting for actual fish, direct from the U.S. Army (you'd think Navy, wouldn't you?) in olive drab. It's a survival thing. You get a 10-foot x 5-foot net made of 3/4" squares individually knotted from twisted cotton/nylon, so the net won't unravel if torn. Might have a slightly musty aroma (but definitely not fishy) that a little sunshine time will fix. Great for maritime-theme decoration, bible-camp plays (filled until breaking, walking-on-water background prop…) or, we suppose, fishing. And perfect if you want to go to a costume party as Poseidon.

39763 Army Fishnet $19.75/each

Cable and Cable

We wouldn't use them to lock up the Harley, but these 30" long x 3/16" dia stranded-steel cables are prefect for light-duty applications. We'll pick a pair coated with clear, red, green or black vinyl, because we can. The end loops are 1" dia. Add a tiny padlock and they're belts for skinny hipsters.

41729 Stranded Cables $4.50/pkg(2)

Wire You Reading This?

Wire we selling perfectly ordinary, standard, all-purpose 20-gauge steel wire? Lots of reasons. One, because it's steel. Two, because it's a steal. Three, because you need to wire stuff. Crafts, gardening, general binding--oh, the wiring possibilities are nearly endless. You'll get (20) feet.

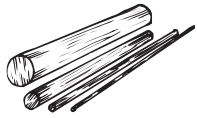
42489 20-Gauge Steel Wire $2.95/pkg(3)

It's Aces In Sweden

Sprained ankles without borders. This beige elastic bandage from Sweden is 4-3/4" wide x 84" long (that's 7 feet, gimpy) and ready to wrap around whatever you just hurt. Works just like the ones you're used to, and we'll send you (5) rolls.

94704 Elastic Bandage $7.95/pkg(5)

A Few Good Dowels

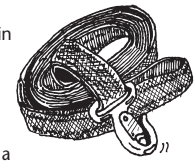


A good dowel is always a good buy, and we've got some good dowels at great prices! These wood dowels come a variety of Asian hardwoods including Sesendok, Geronggang and Yellow Merantis. They are a very nice blonde color and moderately heavy. The dowels are strong, stainable, and warp–resistant. All are 12" long; a package is (10) 1/4" dia or (5) 1/2" dia dowels.

91019 12" x 1/4" Dowels $1.50/each

91021 12" x 1/2" Dowels $1.50/each

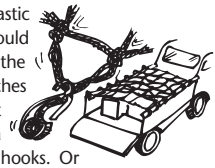
Eschew Chains



No need for 50 pounds of log chain when you keep this heavy-duty tow strap in the trunk. Measures 22-1/2 feet long x 1-5/8" wide in a double-thickness of nylon canvas that's 4mm thick. Has an 11" loop at one end and a 4-1/2" x 2-1/2" metal hook with a spring-loaded safety at the other. Hook clearance is 3/4" x 9/16". No rating, but CJ is calling it "substantial," which jibes with the manufacturer's claim that it will pull an 8-ton truck despite weighing only 2.65 pounds.

42395 Tow Strap $14.95/each

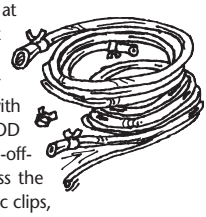
Throw a Net over It, Marge!



We wouldn't try to capture 'gators with it, but this 4-ft x 6-ft black nylon, elastic (not-un-bungie-like) cargo net should trap anything else in the back of the pickup, van or kids' bedrooms. Stretches to about 6' x 9', with openings that are 7" square, stretching to maybe a foot, and 16 carabiner-style plastic hooks. Or just hang a couple on a wall for a nice Spiderman effect.

92582 Cargo Net $10.95/each

You Tube?

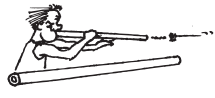


Here's over 25 feet of tubing for you at a nice price. Made as a replacement kit for a Wagner® paint sprayer, it includes a 12-foot length of clear acrylic tubing 1/2" OD x 3/8" ID with another 12-foot length that's 5/32" OD x 1/16" ID joined to it, but easily peel-off-able. Priced so low that you can toss the 23" hunk of 11/16" OD tubing, plastic clips, and plastic pump nozzle that come with it.

40725 Clear Acrylic Tubing $4.95/each

NEW!

Mystery Rod



Speak softly and carry a big hollow yellow rod with closed ends. This rod is 23" long x 1" OD x 3/4" ID and we don't know what it's from or what it's made of. Votes include PVC, real hard plastic and mutant fiberglass. Whatever it's made of, it's the nicest really hard yellow rod we've ever had.

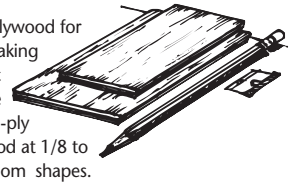
42899 Yellow Rod $3.50/pkg(2)

Got Glitches?

These blue ceramic-coated ferrite rings measure 13/16" OD x 1/2" ID x 1/4" thick. Made in the USA to help you reduce EMI noise in electrical wiring.

42206 Ferrite Rings $3.50/pkg(10)

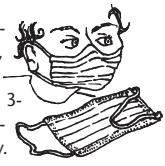
Micro-Plywood



Small pieces of very thin plywood for your craft and model-making needs. You get 18 cubic inches, which will translate into multiple sheets of 3-ply poplar, birch or similar wood at 1/8 to 3/16" thicknesses in random shapes. Our sample was (6) sheets, 6" long x 2" to 3" wide, some at 1/8" and some at 3/16". Perfect for custom-made dollhouse doors!

93818 Thin Wood $8.95/each

Disposable Face Masks



Extra-good quality disposable masks: Latex- and fiberglass-free, with a PVC nosepiece, 95% bacteriological and particulate filtration efficiency, and fluid resistance. Measure 7" x 3-3/4" with elastic ear straps and 4-fold, cone-shape construction. Packaged individually. We'll pick a box of white or pale blue.

93490	**Face Mask**	**$12.50/pkg(50)**

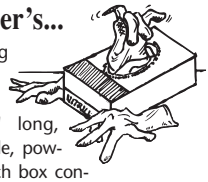
NEW!

Smaller Lab Coats

Smaller than what? Well, smaller than medium, and then smaller than small. In white, 80/20 polyester/cotton, these snazzy lab coats have notched lapels. In finger-tip length with 3/4 sleeves, (2) patch pockets on the sides and (1) breast pocket with a pen sleeve and a tasteful logo of some sort. You pick the Small with the approx 40" chest, or the Extra Small with the approx 36" chest.

42365	**Small Lab Coat**	**$5.95/each**
42367	**Extra Small Lab Coat**	**$5.95/each**

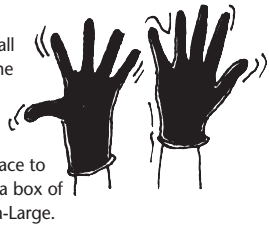
These Aren't Your Father's...



rubber gloves! These are ultra-strong examination gloves, super grippy for the most slippery jobs. Our high-performance gloves are 9-1/2" long, ambidextrous, single-use, non-sterile, powder-free and very tear-resistant. Each box contains (100) gloves (by weight). The latex gloves have a micro-textured satin finish and enhanced grip. The latex-free nitrile gloves are blue, have a textured surface, with even more grab.

92059	**Medium Latex Gloves**	**$10.95/each**
92060	**Large Latex Gloves**	**$10.95/each**
92061	**Medium Nitrile Gloves**	**$12.50/each**
92062	**Large Nitrile Gloves**	**$12.50/each**

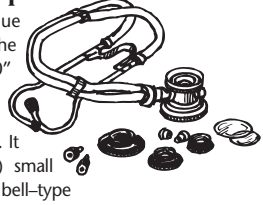
The Black Hand



Just like on TV! These are what all your fashion-forward crime scene investigators are wearing this year: black latex exam gloves from Phantom™. Powder-free, non-sterile, with a textured surface to improve your grip. Our each is a box of (100) in either Medium or Extra-Large.

93488	**Medium Gloves**	**$12.95/pkg(100)**
93489	**XL Gloves**	**$12.95/pkg(100)**

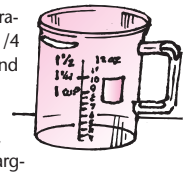
Convertible Stethoscope



What a price for a Sprague Rappaport stethoscope! And the improved model, at that! The 30" long stethoscope can be easily configured for (5) different functions, replacing other styles. It comes with (1) large and (1) small diaphragm, (3) different sizes of bell–type chestpieces, (3) sizes of eartips, and instructions for use. The interchangeable parts are in a compact, clear–plastic carrying case that fits into a pocket. Tubing will be blue or green (our choice).

92083	**S/R Stethoscope**	**$17.95/each**

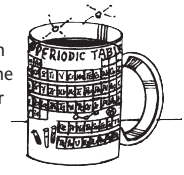
Has Your Coffee Graduated Yet?



In the lab or kitchen, these clear borosilicate glass mugs have a handle and lip, and gradations from 2-12 oz in 1-oz increments; 1/4 to 1-1/2 cups in 1/4-cup increments; and 50-350ml in 50ml increments in the case of the smaller one (or 2 oz increments up to 32 oz, 4 cups in 1/4-cup increments, and 900ml in 100ml increments on the larger one), all of which means you get to learn oz-to-cup-to-milliliter conversions just by drinking coffee and watching the mug.

94876	**350 ml Graduated Mug**	**$7.95/each**
94878	**900 ml Graduated Mug**	**$10.95/each**

Just Up To Rubidium

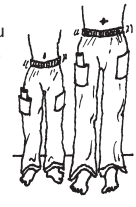


That'd fill this 9-oz ceramic coffee mug with the periodic table of elements printed on the side to about half a cup. It's printed in color on both sides, actually, in case you're left-handed. The atomic numbers and weights are a trifle small, but then they are atomic.

93658	**Elemental Mug**	**$7.95/each**

NEW!

Hot Pants!



Scrub up, kids, we gots lotsa scrub pants so you can look like an off-duty surgeon when you go out to buy a slurpy. Nice for PJs too. You pick small (41" long, waist to cuff), medium (42" long), large or XL (both 43" long). All have elastic waistbands plus (3) pockets, (2) large and (1) small. Color is a French blue, so you can pretend to be a French surgeon.

42382	**Small Scrub Pants**	**$5.95/each**
42369	**Medium Scrub Pants**	**$5.95/each**
42368	**Large Scrub Pants**	**$5.95/each**
42371	**XL Scrub Pants**	**$5.95/each**

Mercury-Free

Fearful of language barriers, some folks get anxious when they travel internationally. Not this fine red-alcohol glass thermometer. Whether its travels take it to Britannia or Madagascar, Appalachia or Moscow, it's always ready to tell the temperature in the local tongue. Working stateside? No problem: it reads 0° to 234° F, in 2° increments. On a junket across the pond? Again, the Passport Therm shines, reading -18° to 112° C in 1° increments. It's 12" long, 3/16" dia, and travels in a nothing-special-but-still-handy plastic case.

91053	**Passport Thermometer**	**$4.95/each**

Scope Your Stethos!!

Stethos is Greek for chest. Indeed you can scope your stethos with this stethoscope, or your friend's or your dog's. But it works equally well for picking up any sound being transmitted through a solid medium. Listen to the air flowing through the heating ducts, the water in the pipes, the sounds of machinery, the termites munching on the floor joists!! The color does vary so we will select from what's currently available. We've had blue, teal, red, black, burgundy, green and purple, but there may be other colors yet to be seen! A great discovery device whether for biology or other pursuits. Not of professional quality, but not just a toy.

11077	**Stethoscope**	**$5.95/each**

Mashers and Smashers

Porcelain mortars and pestles. Great heavy duty mortars,with sides that are easily 5/16" thick on the smaller ones, and up to 1/2" on the larger. The mortars are glazed outside, but rough inside, the better to grind, and have a pouring lip. The business ends of the pestles are unglazed, while the shafts are glazed. Very functional, very good looking!! So grind your own spices or lab concoctions as you prefer. You get a mortar and pestle as a single order.

Stock No	Description, Cap	Mortar Dimensions	Pestle Length	Price/Quantity
88314	Mort & Pest, 130ml	4" OD x 1–3/ 4"	4–3/4"	$6.95/each
88909	Mort & Pest, 600ml	6-1/2" OD x 2–15/16"	6–3/16"	$13.95/each

Clearly a Flask

A clear–glass, heat–resistant, volumetric flask with a ground glass neck and mating glass stoppers. These flasks are calibrated either at 500ml or 1000ml depending on which size you need. Both are around 12" tall. Not into lab work? Try it for techie salad dressings! Ain't surplus cool?

91699	500ml Volumetric Flask	$10.50/each
91700	1000ml Volumetric Flask	$13.95/each

Wick Wacky?

Getting tired of buying them and trimming them and losing them? Get rid of wicks altogether with this nifty little alcohol burner with a copper capillary tube in place of a cotton wick. Burns 90ml of denatured alcohol and comes with a heat shield (packed inside the reservoir) and a burner cap. Don't forget to remove the little rubber plug – it's there to cover the holes in the copper tube when not in use. And this is lab equipment, so resist the temptation to use it under a chafing dish; initially, it flares up a tad more than is good for Swedish meatballs.

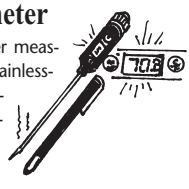
92924	Wickless Burner	$9.50/each

Un-Bunsen Burner

So you don't have a gas jet in the garage? You don't think Margie and Ted are old enough to handle the high temperatures of a Bunsen burner? Our alcohol lamp is the answer. It burns alcohol (available at the hardware store), and is hot enough to boil water, to soften glass tubing for bending, and to generate the chemical reactions generally called for in science projects. The lamp is shaped like a long-necked ink well, 3-1/2" tall x 3" dia at its widest point and comes with a wick assembly and a handy little glass lid/extinguisher.

88236	Alcohol Lamp	$6.25/each

Long-Probe Lab Thermometer



This digital instant-read lab thermometer measures 8-1/4" long total with a 5" long stainless-steel probe that's resistant to most chemicals. Has a removable cover with a pocket clip, on/off button, and C or F readings (-50 to +300C, -58 to +572F). Button-cell battery included.

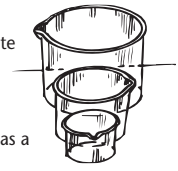
94966	Lab Thermometer	$9.95/each

Hey, Squirt!

It's a standard lab wash bottle, 15" tall x 2-3/4" dia, in low-density polypropylene with an integrated screw cap/angled dispenser. Holds 500ml (16 oz) when filled to the textured line. Also handy for squirting water into the mouths of a wide receivers on the sidelines.

41882	Wash Bottle	$3.95/each

Plastic Beakers



Hard polypropylene beakers, milky white with a fine pouring spout. No good for flames, but great for low-temp lab applications. Also useful in the kitchen, the garage, or (the big one especially) as a plant watering can.

91180	Plastic Beaker, 100ml	$1.95/each
91181	Plastic Beaker, 250ml	$2.95/each
91182	Plastic Beaker, 1000ml	$5.95/each

Ultra Petri Dish

A great find: sterile plastic petri dishes, rated size is 100mm dia x 15mm deep, (actual O.D. size is 90mm x 13mm) with a loose fitting lid. Great for growing cultures for your science fair experiments. Our each (20) dishes and lids in a sealed, sterile package.

52554	Petri Dish, 100mm	$7.50/each

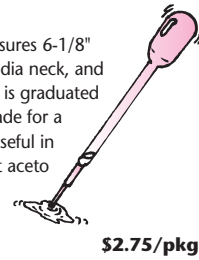
NEW!

Lab Measuring Cup

This translucent polypropylene measuring cup is 3-13/16" tall x 3-5/8" dia with gradations at 100, 200 and 400 ml, with a pouring spout. And yeah, it's kind of short and stout.

42946	Graduated Cup	$3.50/pkg(3)

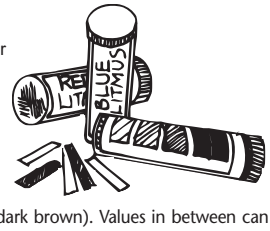
Plastic Pipet



Each non-sterile transfer pipet measures 6-1/8" long, with a 1mm mouth, a 3/16" dia neck, and a 1/2" dia bulb. It holds 3.5ml and is graduated up to 1ml in .25ml increments. Made for a laboratory, of course, but equally useful in the kitchen, for portioning out that aceto balsamico tradizionale di Modena you paid $80 an ounce for.

93478	Pipet	$2.75/pkg(25)

Litmus Papers



Chemically treated paper strips to test for acid or base (alkaline) solutions. Use the blue for acids, the red for bases. The more sophisticated pH test paper strip indicates pH from 1 (bright red) to 14 (dark brown). Values in between can be read by comparing with a color chart that comes with the strips. All have (100) strips of test paper per vial.

88217	Blue Litmus Paper	$2.95/pkg(2)vials
88218	Red Litmus Paper	$2.95/pkg(2)vials
88219	PH Test Paper	$2.75/vial

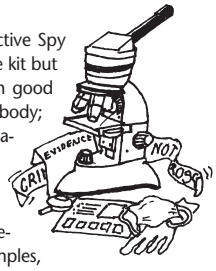
Pocket Microscopy

Good things come in (2) different small packages. Our pocket microscopes are compact and perfect for a clear, close look at stamps, coins, flora, insects or assorted minutiae. The 30X version measures 5-3/4" x 1-5/8" x 3/4" in black plastic with a focus knob, on/off switch, small LED for illumination, and a vinyl carrying case. Requires (2) "AA"s. The 60X version is a microscopic 3-1/4" x 1-3/16" x 3/4" and has a built-in white LED illuminator powered by (3) coin-cell batteries that are included. Magnifies from 60-100X, with coarse- and fine-focus knobs, and has a vinyl carrying case.

34407	**30X Microscope**	**$6.50/each**
93252	**60X Microscope**	**$7.95/each**
92293	**Batteries, AA Alkaline**	**$1.95/pkg(4)**

NEW!

CSI Your Kid's Room



My First Lab™ Whodunnit™ Detective Spy Scope™ is called a kid's crime scene kit but is actually a 400X microscope with good quality glass optics and a metal body; with 40X, 100X and 400X magnification, upper and lower white and UV LED illumination, 6-position disc diaphragm and an adjustable stage. Comes with blank and prepared slides, stain, forceps, fiber samples, fingerprint cards and inkpad, pipets, pH paper, plastic test tube and Petri dish, plastic gloves, a blower bulb, evidence bag, tiny flashlight, a couple facemasks, evidence & top secret pouches, and Police Line tape. Also an instruction book, and a 25-page Forensic Investigator experiment book. Call it a toy that's not a toy.

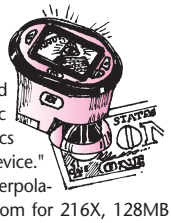
14536	**Crime Scene Scope Plus**	**$115.95/each**

USB Microscope

For students or professionals, this Celestron® handheld digital microscope that captures still images and videos is a terrific computer accessory. Plug the USB 2.0 cable into your computer's port and take advantage of the built-in, upgraded 2mp digital camera (Up to 5mp with interpolation.), 10X to 40X and 150X magnification, and LED illumination. The 4-oz, 4-1/4" x 1-1/4" dia scope may be handheld, or slipped into its metal stand for steadier viewing. CD-ROM software includes a measurement function. Minimum requirements UVC Plug & Play with Windows XP, Vista, 7 and MAC 10.4.9 and later, CD/DVD drive, open USB port. Very cool.

14474	**Hand Microscope**	**$69.95/each**

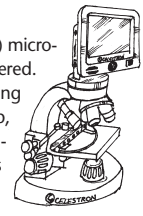
Digital Microscope, Plus



Completely self-contained, this hand-held digital microscope has a 2.4" color LCD screen, captures still and video images and can be used as a regular, non-microscopic video camera when not in the lab. Our Optics Evaluation Boffin calls it an "amazing little device." Camera is 3 megapixels, up to 12 with interpolation, 3.7X and 54X optically, 4X digital zoom for 216X, 128MB internal memory, SD card slot (up to 8G), adjustable 0/3/6 LED illumination. Has adjustable exposure, resolution and color settings. USB 2.0 cable and carrying case included. You add (2) "AA" batteries. Model #44310 from Celestron®.

14487	**Digital Microscope**	**$89.95/each**
92293	**"AA" Alkaline Batteries**	**$1.95/pkg(4)**

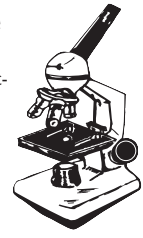
LCD Digital Microscope II



Our newest Celestron® compound (biological) microscope is even better than the last one we offered. This one comes with a 3.5" color LCD viewing screen that rotates 180° for easy sharing in a lab, classroom or at home. It has an upgraded 5-megapixel camera that can record 625 hi-res photos or 20 minutes of 30fps video to the included 1GB SD card. The 4X, 10X and 40X objectives provide 40X, 100X and 400X optical magnifications, and the digital zoom raises it up to 1600X. On-screen, button controlled settings allow you to easily adjust exposure, image effects, a digital measuring reticle and other visual tweaks. Top and bottom independently adjustable LED illumination and a built-in 6 position filter wheel allow complete light adjustability. Also included are an AC adapter with 3 extra European adapters for those who travel, (5) prepared slides, USB and video out cables and a rigid lined 15" x 7" x 8.5" OA carrying case with a suitcase-handle and shoulder strap, for storage, field work or classroom visits. Carries a 2-year manufacturer's warranty.

14524	**LCD Digital Microscope II**	**$199.95/each**

Advanced Student Microscope



With extra-sturdy construction, international-standard DIN, fully coated eyepiece and objectives, this is an excellent student microscope. It provides good resolution and centering, and maintains focus when objectives are changed. Stage clips, rack stops, smooth positive mechanical movements, built-in illuminator, coarse and fine focus.

* Magnification:	40X, 100X, 400X, 1000X (oil)
* Objectives:	4X, 10X, 40X, 100X (oil) springloaded, par focal, centered achro-matic.
* Eyepiece:	23mm 10X wide field with pointer.
* Illumination:	Built-in 5 watt flourescent, 110V with condesor.
* Stage Size:	120mm x 110mm with locked-in stage spring clips.
* Focusing:	Rack and pinion, coarse & fine controls.
* Weight/Height:	8 lbs/14".
* Viewing Angle:	45°

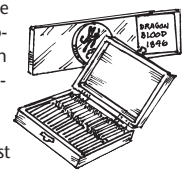
93724	**1000X Student Microscope**	**$214.95/each**
14488	**Replacement Bulb**	**$17.95/each**

Get With It!

Transform your biological microscope into a digital microscope and transmit live, full-color video images to your computer. This Premiere MA88 digital camera has a 640 x 480 pixel eyepiece, and comes with an adapter so it can be used with either a 23mm or 30mm barrel microscope. Its 6-ft lead terminates in a USB jack. Use the software that comes with it with Windows 95, 98, 2000 and XP.

92416	**Digital Eyepiece**	**$59.95/each**

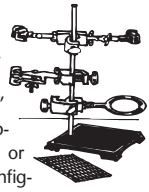
Prepared Microscope Slides



Choose either the 25- or 100-slide selection of 3" x 1" prepared microscope slides from Celestron®, both in sturdy hinged wooden cases. The selections include a wide range of bacteria; plant, animal and human tissue; insect or reptilian specimens; and a list of each of the slides.

94503	**25 Prepared Slides**	**$22.50/each**
94502	**100 Prepared Slides**	**$69.95/each**

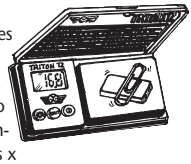
Lab Stand



Affordable, adaptable lab equipment for serious scientists with laughable budgets. The basic stand is heavy black metal 8" long x 5" wide x 1" high with a 19–1/2" x 3/8" dia support rod screwed into it. Position a beaker or bunsen burner on the stand and build the configuration you need above it. Both of the Burette clamps and the ring attach to the rod with thumbscrew clamps. The Burette clamps have wing nuts so they can be adjusted to any angle. The single clamp extends 4" from the rod, with rounded, uncoated, adjustable metal jaws with spring tension and a wing nut. The double clamp like it has rubber–coated jaws. The 3" metal support ring holds the 6" x 6" heavy–gauge steel–mesh burner screen with crimped edges. Nice, solid equipment at a rare price.

88195	**Lab Stand**	**$15.25/each**
88186	**Single Clamp**	**$9.95/each**
88597	**Double Clamp**	**$13.95/each**
88192	**3" Support Ring**	**$6.95/each**
91831	**6" x 6" Screen**	**$1.50/each**

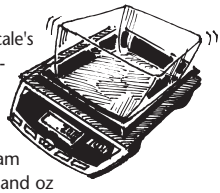
Pocket Electronic Scale



A honey of a little digital scale, the techies in the back room say. This improved Triton T2® scale is pocket-sized (5-7/8" x 3-1/8" x 3/4" thick), and measures up to 300g x 0.1g, 10.5 oz x .005 oz, 190 pennyweight x 0.1 dwt, and 9.6 Troy ounces x .001 ozt. Has a zero/tare button and a cover that can be removed for use as a larger tray. Comes with (3) "AAA" batteries.

93159 **Triton T2 Scale** **$29.95/each**

Keep Things In Scale



Weighing is easy with this digital scale's 7" square x 2-5/8" deep dishwasher-safe, easy-pour bowl for kitchen use, and letter holder and mailing tube holder accessories for office use. Goes up to 7kg (7000g) x 1 gram increments and 15.4 lbs in g, kg, lb and oz increments. It has tare, hold, programmable auto-off, and an adjustable audible beep and backlit read-out angle. Takes (3) "AA" batteries, included. Excellent for kitchen, lab or office.

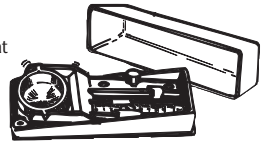
94244 **Food/Office/Lab Scale** **$36.95/each**

Brass Mass Set

And what are you going to do with that scale if you don't order this (10) piece set of weights from Learning Resources Inc.? The brass cylinders topped with knobs have the weights stamped on the top. There are (2) each of 1, 2, 5 and 10 grams, plus (1) 20 and (1) 50 gram weight. You'll probably want to keep them in the molded plastic holder they come in, but they are pretty enough to display. Just weight till you see them.

90070 **Brass Weights** **$18.95/each**

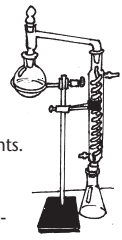
Tell-a-Gram



It's a balance scale in a box that fits in your pocket. Our traveling lab device is in a 4-5/8" x 1-7/8" x 7/8" deep black plastic box and can measure up to 1g in .025g increments or 5 carats by the same. Great for students, or for winning bets in your local pub on what a potato chip weighs.

90022 **Portable Scale** **$12.50/ea ch**

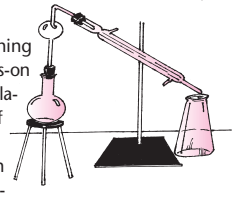
Drip...Drip...Drip



This excellent 500ml capacity essential oil distillation set comes with an 18" lab stand, 2-1/2" ID support ring, single buret clamp and borosilicate glassware with a 500ml round-bottom (just like you!) and 24/40 ground glass joints. Also includes a boiling flask, 300mm Graham condenser, 500ml Erlenmeyer flask and a 10" adapter arm. Make your own perfume or something more potent--we don't judge.

94786 **Lab Distillation Unit** **$95.95/each**

Still In The Lab?



Distillation made heuristic. Nothing explains a process like a little hands-on experience, and this laboratory distillation kit is for showing instead of telling. Includes a 300mm Liebig condenser, Kjeldahl distilling column with 50mm dia bulb and rubber stoppers, 500ml Bomex boiling flask with 8" iron tripod, 2-foot lab stand/base with a single burette clamp, 500ml graduated Erlenmeyer flask and a 6" square of ceramic-coated wire gauze. You add some 1/4" ID tubing for the Liebig ports. Includes good directions for distilling ethanol and acetic acid. And let's remember that this is for laboratory distilling. Don't try this at home.

92610 **Lab Still** **$74.95/each**

Test Tube Tongs

Clamps. Whatever. These measure approx 5" long x 2"' at their widest. They open to about 3", though, so they'll not only grab test tubes, they'll pluck cubes from an ice bucket. Or carry a few stems of asparagus. And you do get a pair, so you could always have a tong war.

90327 **Test-Tube Tongs** **$3.95/pkg(2)**

Pick A Little...

These 6" steel dissection probes have knurled handles above 1-1/4" long x very sharp 1/16" points. Ignore the "Oil Pick" name on the package. We don't know what it means either, other than that it translates to "surplus bargain."

94596 **Dissection Probes** **$3.95/pkg(3)**

Tryptic Soy Agar

Agar, it's not just a crossword puzzle answer. It's the medium of choice for growing bacteria, molds, etc., and just what you need if you're shopping for laboratory staples or for your next science-fair project. Melt the medium in a microwave, pour into a Petri dish, and allow to set before applying test material. Do not freeze, and after exposure or melting, store at the temperature on the label. Does approx. 10-12 petri dishes.

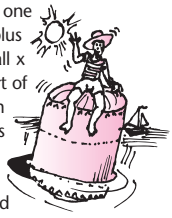
93064 **Tryptic Soy Agar** **$6.95/each**

Squeeze 'n' Squirt

Inside the lab, it's a standard translucent-white, LDPE-plastic wash bottle, 500ml/16oz, measuring 2-3/4" dia x 6-3/4 tall with a screwcap and a right-angle, 5/16" dia nozzle. Outside the lab, it's so pleasing to squeeze and squirt with that some of us keep them in the kitchen.

92961 **Wash Bottle** **$3.95/each**

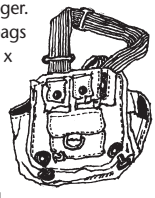
Something To Float Your Boat



It doesn't hardly get any better than this: one each, genuine East German military surplus inflatable ocean buoy (used). Stands 67" tall x 50" dia in a barrel shape when inflated, sort of like Henry Kissinger. In a sea-like gray/green with a tie-down rope on one side, it comes in an olive drab rubberized carrying bag. Useful as a prop for your very own Most Extreme Challenge game show, a very odd air mattress, or just to buoy your spirits.

41847 Giant Military Buoy $99.95/each

Put Pockets On Your Shoulder



Call them the bags of a lesser messenger. These militaristic cotton canvas shoulder bags measure just 10-1/4" wide x 9-1/2" tall x about 4-1/2" thick, but have a plethora, which in this case equals (11), of pockets, including (2) full-size water repellent nylon interior pockets, (5) pen slots, (3) pockets under the flap and (5) on the front with snaps, zippers and hook-and-loop closures, plus a back pocket and a cell-phone spot on the side. Includes a big, thick adjustable shoulder strap and all weighs less than a pound. We'll pick one that will go with all your outfits, in khaki, coyote (think dark khaki) or a green/brown digital camo.

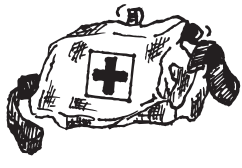
42455 Plethora-Pocket Bag $14.50/each

Ammo & Longnecks

This lovely camo magazine pouch measures 7" wide x 9" long with (2) compartments 3-1/2" wide x 9" long, each with a snap-closure flap. Shoulder strap adjusts from 30" to 58". Back has (low) belt loops, a mystery strap and a couple of ring loops. If you're short on ammo, the pockets will hold two 12 oz cans or longnecks, or about 25 Slim Jims.

42322 Camo Ammo Pouch $4.50/each

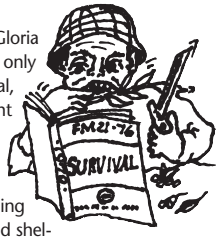
Medic! Medic!



It's anybody's guess where these military-style rubberized, nylon medics' shoulder bags came from but they'd be handy for anyone with campers, or just stuff to put in a bag. Measure 8-1/2" long x 5" tall x 4-1/2" with a medic cross on the side and a hook-and-loop closure plus a toggle fastener. Shoulder strap extends from 38" to 59". Some look to have had a strap removed--this is new old stock--and all of them would be happy as fanny packs.

42320 Military Medic Shoulder Bag $7.95/each

I Will Survive…



You will survive, too, just like Gloria Gaynor, and in the woods, even. But only if you have this U.S. Army manual, cleverly titled: SURVIVAL, Department of the Army Field Manual FM21-76. It's 287 heavily illustrated pages of techniques for staying alive (add your own BeeGee jokes here) including orientation; food & cooking; fire- and shelter-making; rafts; animal, insect and plant recognition; and much more. This is the 1970 edition, but staying alive in the woods hasn't changed a whole lot since then. In soft-cover.

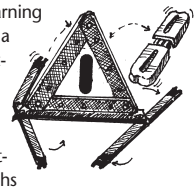
39873 Survival Manual $9.95/each

Fallout Shelter Sign

They're Back! Those of a certain age will remember being taught to crouch under their school desks in case of nuclear attack. Shortly thereafter, the gov't, in its infinite wisdom zoomed about thecityscape plastering black and yellow signs on buildings with basements to designate them as fallout shelters wherein it stored cans of water and radiation meters which were so insensitive that any reading could only mean the past tense of crispiness. We have a quantity of these signs, brand new in the sense that they have never been plastered, but antique in the sense that they are the Fifties originals. 10" x 14" , 25 ga. galvanized steel. They have a black base coat on the front over sprayed with orange/yellow reflective paint in the familiar design rendered nearby by our faithful artist. This is a true collector's item fetching $50 and up in antique stores! A tasteful addition to even the dullest basement hangout.

30823 Genuine Fallout Shelter Sign $34.75/each

Heavy Duty Deutsche Hazard Sign



We hate those lightweight hazard warning signs that break and blow over when a semi rolls by. This triangular road hazard sign from the German military is 17" long on each leg and stands on heavy olive drab steel legs that fold out to make a 17-1/2" x 16-3/4" footprint that isn't going anywhere. Weighs almost 5 pounds. Has been used for a few light hazards, but has years of danger ahead of it. Stores in a 18" long x 3-1/2" x 2-1/4" hard plastic case with German instructions you won't need.

42343 German Hazard Sign $12.95/each

From Flander's Fields

They're more stylish in Bruges, which is why we think these double ammo pouches from the Belgian military are snazzy. In service from the 1960s to 80s, they carried ammo for the legendary Enfield 303 P37 rifle. They measure 7-1/2" x 4" with double pouches, each with double snaps, and they have heavy-duty solid brass hanging clips and belt hooks. We'll pick one in navy blue or ridiculously dark blue, either of which is a nice change from OD, don't you think?

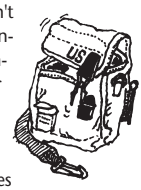
42578 Belgian Ammo Pouch $5.75/each

Magazine Holder

This canvas magazine pouch is too small for Vanity Fair; it was made to hold a drum magazine for a Russian-style SKS carbine. In camo, it's 9-1/2" tall x 8" wide at the top, tapering to a point with a drain hole (keep your powder dry) and dual snap closures on the flap. Has a pair of belt loops on the reverse and an attached strap that adjusts from 27" to 54".

42321 Drum Mag Holder $4.50/each

One Each, Cover, Water Canteen



We've got the canteen cover, even if we don't got the canteen. Made for a 2-quart bladder canteen, this is U.S. military issue, with a plush lining designed to be soaked to keep your water from evaporating like your credit rating. In desert sand-colored nylon, it includes an adjustable and removable 45" x 2" strap, a plastic snap buckle for the flap, pistol-belt slides on the back and a little hook-and-loop closed pouch on the front that we think is for salt tablets.

41896 Canteen Cover $8.95/each

Chinese Chest Rig

Made in China by the Chinese for the Chinese army, this 7-pocket ammo rig measures 25-3/4" long x 6-1/2" high with crossing shoulder straps and a tie-able waist strap. Middle (5) pockets are 2-1/2" wide x 1-1/2" x 5" deep; (2) end pockets are 1/2" shorter. Made to hold (7) 7.62 SKS magazines, we like it for making sure you never run out of Snickers bars on those long hikes. In OD canvas.

42735 Chest Rig $14.50/each

Support The Military

Genuine U.S. military surplus athletic supporter, unused, never issued, brand new, still in the box, we swear on our mother's combat boots. This military supporter does date from approximately the Korean War era, but some things never change. Size medium, with a 3" wide waist-band.

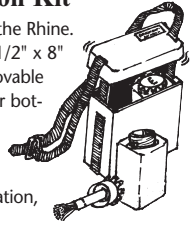
40854 G.I. Jock $4.50/each

Unknown Soldier's Dog Tags

Blank dog tags, ready to punch. Each set measures 2" x 1-1/8" x 1/32" thick in matte stainless steel with (2) ball chains, one 24" long and one 4-1/2" long. You get (2) sets of (2) tags, with (4) chains altogether. Made in the USA

40462 Dog Tags $3.95/pkg(2)

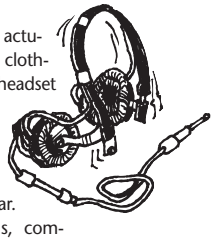
German Decontamination Kit



New surplus from the other side of the Rhine. Nice dark-olive-drab plastic case, 8-1/2" x 8" x 4-1/2" with a slip-on lid on a removable canvas strap. Inside is a pair of 1-liter bottles, 7" tall x 3-1/2" square, with screw caps that have white nylon brushes on 4" long shafts inside. If you're not into military decontamination, it's ideal for traveling sign-painters.

39504 Decontamination Kit $7.95/each

Old Navy Headphones



These NEW headphones are from the actual old Navy, ours, not a faux-hipster clothing outlet. Our genuine U.S. Navy headset was made in the 1950s and has 3/4" monaural drivers and 230 Ohm impedance. The 5-foot cord has a 1/4" plug at the end, and another to plug into the headset 6" from one ear. Original packaging and instructions, complete with dated pictures, included. The black-rubber earpiece covers may even have a little Korean-War-era dust on them.

40679 US Navy Headphones $59.95/each

Non-Ferrous Holland Hydrator

Hard plastic canteen, new (in 1996) from the Dutch military. Holds a sip or two over a liter and measures 9-1/2" tall with a screw cap and keeper. Comes in an OD pouch with (2) sets of snaps, tight and loose, which would allow you to add a freezer pack or a dried herring. The back has a belt loop and a metal wire belt hook.

42640 Dutch Canteen $14.50/each

WWII Brit Army Bags

These UK military respirator bags are the real deal, dated 1944, used but in good condition, and packaged for reissue in the '50s, which never happened or we wouldn't have them. Measure 8-1/2" x 5-1/2" x 4" in OD, gusseted with a 4-1/2" x 4-1/2" snap-close pouch on each side. Top folds over with a brass latch. Has belt hooks in back, and a shoulder strap.

42588 UK WWII bags $24.50/each

NEW!

Got Russian Gas?

These gray rubber gas masks from the Russian military fit over your entire head and lend a very insectesque appearance. Eye lenses (you get some spares) measure 2-3/16" dia and the front of the mask ends in a snout-like fitting for a filter, which you won't get because we don't got. Includes a 13" x 5" x 4" OD cloth carrying bag with sundry pouches and straps. Don't wear these masks into any "situations"--they're for decorative purposes only.

42879 Russian Gas Mask $14.50/each

In One Ear...

This single-earphone 200 ohm military headset straps around your head with a second OD strap over the top from ear to ear, all adjustable with hook-and-loop ends. Manufactured in the mid 1980s in the USA for the US military, we know not which branch. Part #s include DAAB07-85-C-E613 FSCM 80063. Has a 4-1/2" foot cord terminating with a BNC connector.

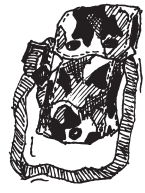
41859 Military Headset $12.50/each

USAF Oxygen Mic

Talk inside the mask. This microphone, designed to fit inside an oxygen mask, is brand new, made for the US Air Force in the mid-1980s. NOS microphone, dynamic type M-133/U. Manufacturers part # 4500-WBC DLA900-85-C-098. Cable has MIL-C-5898C-WD-34U USAF and U-173/U connectors. Sorry, folks, that's all we know.

41858 USAF Microphone $14.50/each

Camo For Ammo



This nylon canvas green/brown camo pouch could hold ammo, but doesn't really care what you put in it. Measures 8-1/2" X 5-3/4" with a pair of belt loops on the back, a flap top and an adjustable 24" shoulder strap.

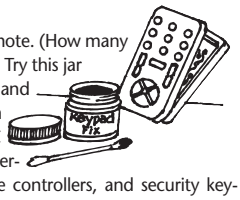
42672 Camo Pouch $4.75/each

Bag O' Bones

Originally a canteen pouch with two little mouse ear flaps that wrap around the top and snap closed, this insulated olive drab bag could double as a purse or a dog bone holder. Which technically would make it a pooch pouch. Measures 7-1/2" x 7" x 2-1/2". Snap straps on the back let you clip it to your pack or belt.

42567 Canteen Pouch $3.50/each

Restore Your Remote

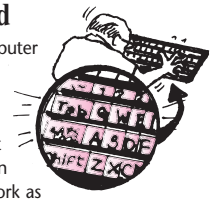


Don't toss it and buy a universal remote. (How many things are really universal, after all?) Try this jar of Keypad Fix, designed to clean and restore conductivity to the carbon on the keys and the copper PC board pads that make up the rubber-coated switches on remotes, game controllers, and security keypads. Contains enough to coat over 200 button contacts.

93683 Keypad Fix $4.95/each

NEW!

High Contrast Keyboard



Looks like a University of Iowa computer lab item, but it's really a high-contrast, yellow on black, standard ASCII computer keyboard with very over-sized print on the keys. Perfect for Hawkeye fans, folks getting on in age, or anyone whose eyes don't work as well as they used to. Happens to all of us. Includes a 46" USB cord. Measures 17-1/4" X 5-1/4" and is for use with Windows 7, Vista, XP, 2000, Millennium edition or 98, plus MAC OS9/OSX.

42962 Easy Vision Keyboard $7.95/each

Call Us...We've Got Connections

When it comes to sticking wires together, we like to think we've really got connections. You pick the Connector Assortment, with (4) each of splice, ring, slide and fork connectors for 14-22 AWG wire; or the Line Taps, with a pair of cleverly made tap connectors that crimp on to wire between 14 and 16 AWG with no cutting or stripping needed; or the Slide Pack, with (6) insulated slide connectors for 14-16 AWG wire. All made in the USA by 3M. UL/CSA

41987 Connector Assortment $1.95/each
41988 Line Taps $1.95/each
41990 Slide Pack $1.95/each

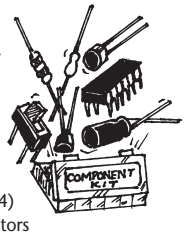
NEW!

Heat Sink Compound

You get a 10ml syringe of heat sink white silicone for use as a thermal coupling for electronics. High conductivity, low bleed and stable at high temperatures.

95031 Heat Sink Silicone $3.95/each

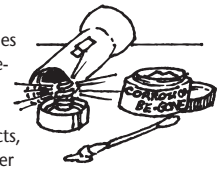
Electronic Cornucopia



Our 17-section case of over 200 electronic components will make anybody who owns a soldering gun happy as an electric clam. You get 1/4W resisters 10-1M Ohm, trimpots 500-1M Ohm, 50V disc capacitors 2.2-680pF, 100V mylar capacitors from .001-.33uF, electrolytic 50V capacitors from 1-1000uF, LEDs in (4) colors plus a 7-segment display, inductors 10-33mH, a 5V relay, bridge rectifier, (7) different diodes, (6) different transistors, (13) different ICs, a photocell, hook-up wire, (5) different switches, a mic element, 9V snap, 8-Ohm speaker , buzzer and a set of alligator-clip leads. From Elenco®

94778 Component Kit $64.95/each

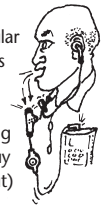
Clean Your Contacts



Works on all of them except the ones stuck to your eyeballs. Corrosion-Be-Gone is a gel made to remove the schmutz from all types of battery terminals, circuit boards and contacts, on everything from cars to computer boards. Our each is a 0.3 oz jar.

93684 Battery Goop $4.95/each

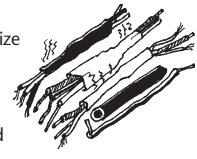
Reel Nice Talk



This ear bud/microphone set, for to talk on the cellular telephone while you're walking down the street, has a locking reel so it will be exactly the right length from your pocket to your ear. Includes a shirt-clip and standard ear bud, but has a 2.5mm TRS mini-plug (the older style phone plug) so you may need to buy an adapter (readily available at your local Radio Hut) to a 1/8" TRS mini-plug that's the current standard.

41881 Ear bud-Mic $3.95/pkg(2)

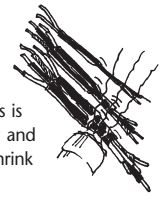
Heat Shrink Tubes



Be prepared to shrink pretty much any size wire with this assortment of 3" long heat-shrink tubing from Gardner-Bender. You get a total of about (18-20) pieces per assortment, in black and white, from 1/4"-1/8" up to 3/4"-3/8".

42630 Heat Shrink Tubes $2.95/pkg(3)

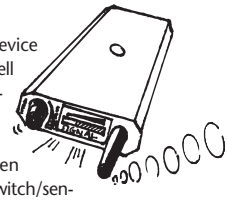
Guaranteed To Shrink



You get (3) packs of Gardner Bender black heat-shrink tubing, at least (2) different, from our selection of 3/16", 3/8" and 3/4", all 4" long. This is the best way to keep your wires tidy and packed in, and watching that tube shrink into shape is worth the project alone.

70015 Heat-Shrink Tubes $3.75/pkg(3)

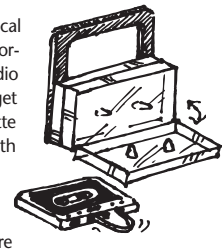
Bug Detector



Someone bugging you? This device won't spot cockroaches, but it will tell you if somebody is out there listening. Our radio frequency transmitter detector will track microphone and transmitter signals between 50MHz and 3GHz. Has an on/off switch/sensitivity control, a red LED bar graph to show signal strength, and an audio signal. Uses (1) 9V battery, not included, and measures 5-1/2" x 3-1/8" x just under 1" thick. Includes operating instructions.

93571 Bug Detector $89.95/each
92297 9-Volt Alkaline Battery $1.95/each

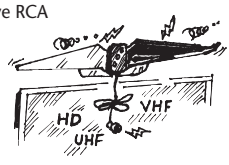
No Format Ever Dies



Cassette fan alert: unlike your local humongobox retailer, we have storage containers for standard audio cassettes, and at 1978 prices. You get (2) packs of (3) translucent cassette boxes, 4-1/2" x 4-1/4" x 9/16" with locking tabs so they hook together, plus a frame/handle with a belt clip that they'll hook onto. Now go make us a mix tape. We're fond of Bo Diddley, Janis and The Kinks.

41968 Cassette Cases $1.95/pkg(2)

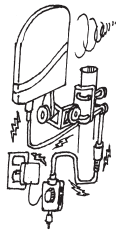
Super-Thin HDTV Antenna



Break free of cables with this passive RCA HDTV antenna that's so thin it virtually disappears. Made to receive free HD/VHF/UHF signals, the antenna is a pair of extremely thin black plastic wings, each 14" long x 3" tapering to 3/8". Overall, it's 29" long x approx nothing deep. The center connector has a 50" length of thin COAX cable with an "F" connector to mate with the TV input. Marked refurbished, but you can't tell them from new. A little assembly is required.

41712 HDTV Antenna $12.50/each

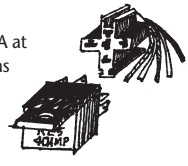
Cut Your Cables



The indoor-outdoor HD antenna from RCA can free you from the cable company for good. Includes a 20-foot coax cable with a boot for outdoor connection, an in-line amp with a 120VAC wall adapter, and mounting hardware. Antenna measures an unobtrusive 9-3/4" tall x 4-5/8" wide x 1-1/4" thick.

41921 Amplified HD Antenna $29.50/each

Relay & Socket

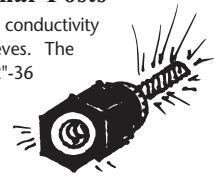


The automotive relay is rated for up to 40A at 12V with a 9-12 VDC coil voltage. Has SPDT contacts for normally open or normally closed operation. The 1" cube has a 5/8" x 13/16" mounting tab and quick-disconnect terminals on the bottom. Made in the USA for Xpress Electrical, part #RL5. Mates perfectly with our 5-pin socket, already wired with 9" leads in black, red, white, yellow and blue to its quick-disconnect sockets, ready for your 1/4" or 7mm spade terminals. Housing is slotted so you can interlock them end to end. Measures 1-1/4" x 1-1/16" x 1" thick.

94746 12 VDC Relay $2.50/each
39381 Relay Socket $1.95/each

NEW!

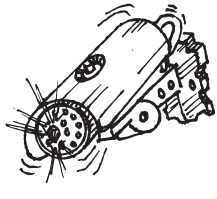
Thar's Gold In Them Thar Posts



Gold-plated binding posts for your conductivity pleasure, with black plastic sleeves. The mount measures 3/8" long x 5/32"-36 and the business end is 5/16"-20. Wrap 'em with wire or pinch 'em with alligator clips. Use them for your speakers and rock!

42904 Gold Binding Posts $2.50/pkg(10)

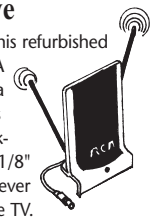
Verisimilitude Is Everything



Save thousands on security with this bogus camera. A blinking red light adds the right touch of verisimilitude for your average, easy-to-dupe miscreant. Extremely genuine-looking, the blinking red LED is surrounded by (18) phony white LEDs all in a 5-1/2" long x 2-3/4" barrel that connects to a stand with a useless but actual wire housing.Tilts from perpendicular to 140 degrees. Includes mounting screws, but you add (2) "AAA" batteries for the red light.

94774 Ersatz Camera $6.25/each
92294 "AAA" Alkaline Batteries $1.95/pkg(4)

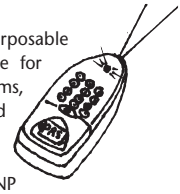
Kiss The Cable Guy Goodbye



Go digital without paying the cable guy. This refurbished digital amplified indoor antenna from RCA features a switchable in line amp with a 55dB boost and a pair of 7-draw dipoles (think: ears of a very large rabbit). Slick looking. Measures 8-3/8" tall x 4-5/8" x 4-1/8" before extension. The only cable you'll ever need is the 6-foot coax from the unit to the TV.

40973 Digital Antenna $19.50/each

Remote Without A Cause

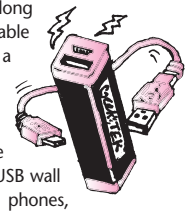


Remake, recycle and reuse this repurposable Personal Response System remote. Made for answering test questions in college classrooms, this PRS TX-02 remote is now discontinued but full of lovely parts and waiting for a new electronic home. Inside you'll find a 940nm IR LED, a 12-digit touchpad, 2-C9015 PNP transistors, a red/orange/green LED, a 3.5795454 MHx crystal and a couple of ICs. As is; no guarantees. And let's keep it legal, OK?

41054 IR PRS Remote $4.95/each

NEW!

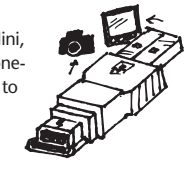
Put A Charger In Your Pocket



This GeekTEK™ USB Charge Stick is 3-1/2" long x 1" square and is a 2600mAH rechargeable NiMH battery that can be recharged from a PC or a USB wall adapter. Puts out 5VDC 1A through a standard USB output, and includes an LED indicator and a 21" long USB to Micro USB cable for recharging the stick or charging up most devices. Add a USB wall adapter and it's a universal charger. For phones, game, tablets, e-readers, cameras, etc.

94925 Cell Phone Pocket Charger $9.75/each

Us Be Adaptable



Connect your stuff with either our USB-Mini, which, not surprisingly, is a 1-1/4" long one-piece adapter from a standard USB plug, to a mini-USB plug, or the printer adapter, which is a 13/16" long adapter from a standard USB plug to a type B connector.

41950 USB-Mini USB $2.95/each
41951 USB-Printer Type B $2.95/each

Emergency Phone Charger

Here's your chance to be smarter than your smart phone for a change. Slip a pair of "AA" batteries into this 5" long x 13/16" dia aluminum tube and next time the power goes out in your neighborhood you can suck that juice into your phone for up to (2) hours of talking time. Charger has a standard USB port. You add a widely available USB cable (varies by phone), and the batteries.

94641 Phone Charger $5.95/each
92293 "AA" Alkaline Batteries $1.95/pkg(4)

You're Not On Candid Camera

This security camera ceiling mount looks real because it is real. The 4-1/4" dia dome is smoked plastic below a white top and fits a 7/8" dia pole. Put it up there as is and it's a dummy camera--or use to contain the real thing. From General Lock and Security Products, part # EPD-000W.

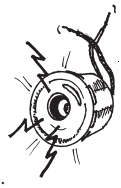
42504 Dummy Camera Mount $4.95/each

This One Hertz Our Ears

Our little solid-state buzzer is a diminutive 9/16" x 3/32" x 1-1/4" but it buzzes along at 8,000 hertz. Rated for 6VDC 20mA, but works fine with as little as 3V. Mounting brackets with holes on the back of the short sides, 4" wire leads. Lotta buzz for the buck.

92825 Buzzzzer $2.50/each

Wake The Undead

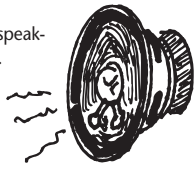


This round metal 6-9V buzzer sounds off with a noise that will grab you by the metaphorical throat and shake you to get your attention. Measures 1-13/16" dia x 15/16" thick with lip for easy mounting and a pair of leads. From Delta Alarm in Ohio.

42577 Serious Buzzer $2.95/each

NEW!

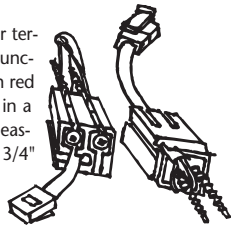
You Tweet?



From the world before Twitter, this 3" speaker from Foster® is rated 2W at 8 Ohms. It's a tweeter, not a woofer. Has a 3/4" voice coil and is 1-3/16" thick with a pair of 1/8" quick-disconnect terminals for input. Because man cannot live on low notes alone.

42754 Tweeters $4.95/pkg(2)

Breakouts!



Ten-packs of 2-pin breakouts (or terminal blocks) from telephone junction boxes, in black or gray with red and green leads that terminate in a modular plug. The breakouts measure 11/16" wide x 5/8" high x 3/4" deep. The screw terminals are 1-1/4" long and the modular plug jumper reaches about 2-3/8" when snapped into its clip.

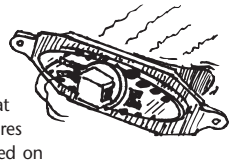
36319 Phone Breakouts $2.50/pkg(10)

Piezo Elements

The mightiest mites of all, piezo elements. These are mounted in a 9/16" dia x 1/4" thick housing with a pair of 3/16" radial leads. The positive lead is marked.

41368 Piezo Discs $2.95/pkg(3)

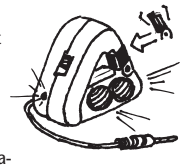
From The Golden Past



This Motorola Golden Voice speaker is vintage, we're just not sure what vintage. Based on its shape, we think it's from a car radio. What we know for sure is that it has a 4-Ohm impedance, measures 4" x 10" x 2" deep and is mounted on particle board that measures 4-3/8" x 11-1/4" with mounting tabs on the long ends. Voice coil is 1-1/8" and it has a pair of quick-disconnect terminals. No wattage rating but our vintage speaker expert (old, but still working) says it'll be OK for up to 10W or so. Made right here in the USA, so you know it's vintage.

41837 Golden Voice Speaker 5.95/each

Auditory Breakthrough



Among the staggering number of unmet needs here in the land of the free, the combination audio speaker/carabiner has always ranked near the top. Until now. This triangular white plastic speaker measures 3-1/2" x 1-1/4" with a carabinerish side so you can hook it onto a rope or rod or anything else handy--but you can't use it to actually climb. It's plastic, for crying out loud. A standard 1/8" stereo plug secures out of the way. You add a pair of "AAA" batteries. Not the highest fidelity in the world, but it'll work for the beach or mountaintop.

42725 Carabiner Speaker $4.50/each
92294 "AAA" Alk Batteries $1.95/pkg(4)

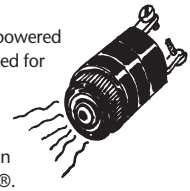
Piezoelectric Disc

This pre-wired piezoelectric disc measures 13/16" dia with tinned 1-1/2" leads. The element measures 1/2" dia. As you know, piezo discs can be used to detect vibration, or used as a buzzer. You probably even know of a few other uses.

42203 Piezo Discs $2.95/pkg(3)

NEW!

Alarming Piezo



Our pulsing piezo alarm buzzer can be powered from 30-120V, either AC or DC (it's marked for polarity). Yells at 95dB at 2.9kHz. Measures 1-7/8" long x 1-11/16" dia with a pair of screw terminals for power. Has a 1/2" dia element. Made in the USA by Mallory for Mallory Sonalert®.

42903 Piezo Buzzer $3.75/each

Annoy The Neighbors!

It's the universally used AudioVox® AS-990 siren car alarm siren with (6) sonic patterns, each one more annoying than the last. Draws 1.2A at 12VDC and is conservatively rated by the manufacturer at 120dB, which is the same as a Clash concert but slightly more melodic. Black casing measures 3-1/4" x 2-7/8" dia in a bullet-shape on a pivoting metal plate with 6" leads.

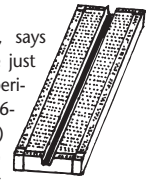
94747 Car Alarm $9.50/each

Why Resist?

When you could just order this 480-pack of 1/4 watt, 5%-tolerance resistors. You'll get (30) pieces each of 10, 22, 47, 100, 220, 470, 1K, 2.2K, 4.7K, 10K, 22K, 47K, 100K, 220K, 470K, and 1M OHM.

93191 480 Resistors $8.95/each

You Say Breadboad...



And the manufacturer, Elenco Electronics, says Bredblox, but what's in a name? These are just nice little breadboards for electronic experiments. The Elenco Model 9830 measures 6-1/2" long x 2-1/8" wide x 5/16" thick with (2) power busses up both long edges and (63) double rows of more busses. The holes for components and jumper wires are approx .050" each and multiple boards can be interlocked via tabs and ports on the long edges. Now go invent something and get rich.

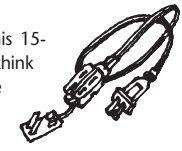
93061 9830 Breadboard $8.50/each

LEDs And More LEDs

LEDs in assorted colors and sizes for displays, hobbies, robotics, electronics and more. Call for lower quantity discounts!

Stock No.	Color	Size	Volts/Amps	Comments	Price/Qty
12534	Red	4 mm dia	3 VDC, 15 mA	Standard	$2.95/pkg(30)
31632	Yellow	5 mm dia	3 VDC, 80 mA	Rt Ang/Sq Base	$3.50/pkg(8)
31620	Orange	5 mm x 3 mm dia	3 VDC, 100 mA	Standard	$1.50/pkg(15)
42326	Red	5 mm Square	3 VDC, 10 mA	Standard	$3.50/pkg(10)
94867	White	5 mm dia.	3 VDC, 50 mA	Bright 17K MCD	$3.50/pkg(10)
94867P100	White	5 mm dia	3 VDC, 50 mA	Bright 17K MCD	$19.50/pkg(100)

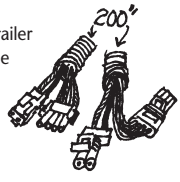
Extend Yourself



Reach out and plug something. Try this 15-foot 14-3 AWG gray appliance cord (think window air conditioner), for indoor use only. From the American Insulated Wire Corp. UL.

39787 15-Foot Appliance Cord $6.75/each

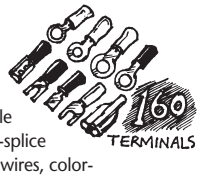
Wanna Wire A Trailer?



Ready to use 200" long (16-2/3 feet) trailer wiring harness has (6) wires inside the black split flex tubing with (4) 18-gauge wires with 4-pin Molex and 4-pin delphi metri-pack ends and (2) 10 gauge wires with 2-pin Molex mini-fit and 2-pin Delphi metri-pack ends.

70035 Wiring Harness $12.50/each

Wire Terminals



You could crimp all day and all night with this assortment of (160) insulated solder-less crimp-connect wire terminals. Includes ring, male connect, female disconnect, butt connect, spade, quick-splice and bullet connectors for 10 to 22 AWG wires, color-coded for gauge. In a snap-shut translucent plastic case.

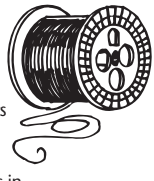
94158 Wire Crimp Terminals $9.95/each

Neatness Counts

Neatness definitely counts. Even in wiring. Especially in wiring. End those electrical mare's nests with this 6-position barrier strip, rated for up to 30A at 600V. Comes with a clear plastic cover with access to the screw terminals and measures 3-5/8" x 1-1/4" x 5/8" with a 5/16" mounting hole at each end. Terminals are in pairs.

93962 Barrier Strip $4.75/pkg(2)

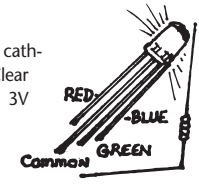
A Snarl of Magnet Wire



One of those sharpie East Coast outfits pulled a fast one on this poor naive Midwestern dealer. The result is we have a pile of exotic coated magnet wire. The coatings and colors vary widely, as does the gauge of the wire. With a couple of exceptions there isn't enough of any one kind among the hundreds in the pile to list separately. So we are offering an assortment and you get whatever we grab. Either way you will get a terrific value, particularly if you have an exotic application and get just what you need. Even if you are just making a garden variety coil or electro-magnet you will still find the prices are very good. So go ahead, profit from our misfortune. We are glad to be of service. Sigh.

36229 Magnetic Wire, 24 Ga. $8.95/(200ft)
36228 Magnetic Wire, 20 Ga. $10.95/(200ft)
36227 Magnetic Wire, 16 Ga. $11.95/(100ft)

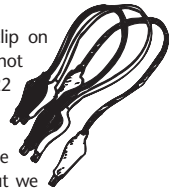
LEDs-R-Us



Our each is a pack of (10) common cathode 5mm dia red/green/blue LEDs. Clear lens, 20mA rated for 100K hour life. 3V supply will work for all. You also get 100 Ohm and 510 Ohm resistors to step down 5 and 12VDC respectively. Luminous intensity is 4,000 mcd.

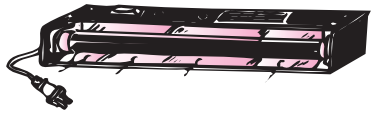
94879 Multi-Colored LED Pack $7.75/each

Clip Lead Set



Ten electrical leads with an alligator clip on each end. Each lead is about 20" long, not counting the 'gators. Vinyl coated 20-22 ga. wire with a vinyl cover over each clip. They come in an assortment of five colors with two leads in each color. The manufacturer calls them heavy duty but we would restrict them to the light currents and low voltages you will be using in your home experiments. Our each is a set of (10).

11586 Aligator Clip Leads $4.25/each
11586P3 3-Pack SAVINGS! $10.95/pkg(3)

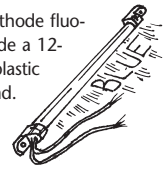


Blacklights!!

Great for Halloween parties, dances, and stimulation of any phosphorescent materials. To avoid eye damage, please do not look directly at the filament of the light. This 18" fluorescent model has a 18 watt bulb and 6 ft cord for a standard 120 vac wall outlet with a switch. Great goolish fun!

89402 Blacklit, Fluorescent, 18" $16.95/each

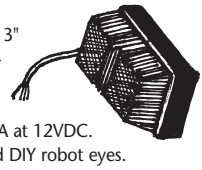
The Straight Blue Skinny



This 11-13/16" long x 5/32" dia cold-cathode fluorescent lamp (CCFL) is blue and sits inside a 12-1/4" long x 7/16" dia frosted white plastic tube with mounting tabs at either end. Disassembles easily. Has a pair of 10" long leads and is rated for 620VAC at .74A. Quite bright, with high efficiency and reliability, in a long-life, low-heat bulb.

70018 Skinny Blue Bulb $4.95/each

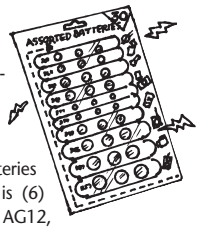
Shake A Tail Light



This red plastic tail light measures 3" wide x 2-1/4" tall x 1-1/2" deep (rectangular is the new round) with a 24" power lead. The mounting bolt is meant to be grounded. Draws 50mA at 12VDC. Ideal for trailers, go karts, scooters and DIY robot eyes.

42348 Red Tail Light $2.75/each

Button, Button...

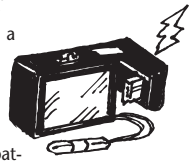


who's got the button? You do, which means you don't have to go the drug-store when your watch, calculator, camera, radio or nearly anything else stops. Be prepared for electronic quitters with this 30-pack of button cell batteries in the most popular sizes. Our each is (6) AG1, (6) AG3, (6) AG4, (3) AG5, (3) AG12, and (6) AG13 batteries. (Some devices may call these G1, G2, etc., or have other arcane codes for these same sizes.) Brand new!

93241 **Assorted Button Batteries** **$2.95/each**

NEW!

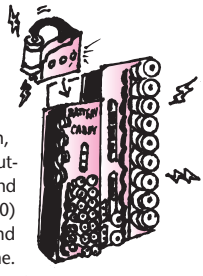
Mini USB Battery/Charger



From Energizer®, the EnergiStick is a Lithium-Polymer storage battery with a 250mAH output through a mini USB plug. Has a charge indicator, power switch & detachable key-fob, and can be used for pass-through charging for the battery and a phone at the same time. Measures 1-3/4" x 1" x 7/8" with a 1/4" clearance below the plug. Made for use with Blackberry®, but will work on anything that uses a mini USB.

70186 **Mini-USB Battery** **$3.75/each**

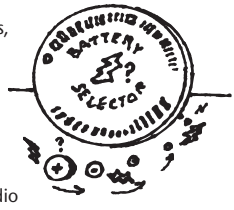
Neatnik Battery Box



Introducing the AS&S fussbudget battery tester and storage box. Measures 11-3/4" x 6-1/4" x 1-3/8" and comes with a removable spring-loaded battery tester with (3) incremental LEDs (green, yellow, red) for status. Tests coin cells, button cells, carbon zinc, alkaline, NiCd and NiMH batteries and holds (8) D cells, (10) C cells, (9) 9Vs, (26) AAs, (10) AAAs and (9) button cells all at the same time. Includes mounting hardware so you can put it in a drawer or mount on a wall.

94808 **Battery Center** **$9.95/each**

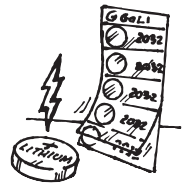
Size Matters



This is the answer to your prayers, battery-confusion-wise. The 5-5/8" dia wheel has 44 slots and holes cut to exact size of every available button-cell and coin-cell battery for watches, remote controls, calculators, cameras, mini flashlights, audio devices, key fobs, etc. Slip the battery through the smallest hole it will go through in the plastic template and actually know what size to buy without having to put the old one under a microscope to read the numbers you can't read.

94593 **Battery Sizer** **$2.95/each**

Lithium Five-Fer



The pentapack: You pick (5) 3V lithium coin cell batteries, CR2025 OR CR2032, still in their packaging, for a price that looks like a single battery, because you're smart enough to shop here. Looking for a large quantity? Try our (20) pack for huge savings!

93242 **CR2032 Lithium (5) Pack** **$2.25/each**
40919 **CR2032 Lithium (20) Pack** **$5.95/each**
93995 **CR2025 Lithium (5) Pack** **$2.25/each**

Alkaline Batteries

You know all those A.S.&S. catalog items that call for AG13 button-cell batteries? We've got ya covered. Our each is a package of (10) 1.5 volt AG13s (AKA A76s, LR44s, V13Gas, and RW82s). And now for a limited time only, get our bulk package of (100)!

92524 **AG13 Batteries** **$1.95/each**
42632 **100-Pack Savings!** **$9.95/each**

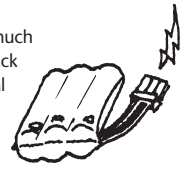
It's Your Nickel

So you get to pick from our new Nickel-Metal Hydride rechargeable battery bargains. You get a 4-pack of either "AA" 2600 MAH or "AAA" 1000 MAH NiMH batteries, the recommended choice for electronics, cameras, games, cordless phones and toys.

93697 **"AA" NiMH Rechargeable** **$11.50/each**
93698 **"AAA" NiMH Rechargeable** **$6.95/each**

NEW!

The Secret of NiMH



They're rechargeable, although it's not much of a secret. You get a shrunk-wrapped pack of (3) flat-top "AA" 3.6 volt Nickel Metal Hydride batteries rated for 1500mAH. Measure 2" long x 1-11/16" x 9/16" with a 3-pin Molex connector and 3/4" leads, black and red for output.

42861 **NiMH Pack** **$4.75/each**

Tweeze Your Buttons

These super handy little tweezer-style battery testers are made for checking button-cell and 3V lithium coin-cell batteries, but they've got a wide enough spread for everything from "AAA"s to D-cells. Red and black arms designate the +/- sides, and an LED at the base lights up if the battery is good.

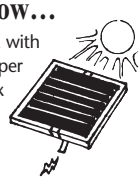
94595 **Tweezer Testers** **$2.95/each**

Big and Rechargeable

Here's a brand new selection of sealed lead-acid rechargeable batteries, for when you're pushing something a little bigger than a penlight. All batteries are all direct from the manufacturer with current date codes. All of them have (2) 3/16" wide quick-disconnect terminals on top.

Stock #	Desc	Size (L x H x D)	Price/Pkg
93914	6 Volts/4.5AH	2-3/4" x 3-15/16" x 1-13/16"	$10.95/each
93912	12 Volts/5AH	3-9/16" x 4" x 2-3/4"	$20.95/each
93913	12 Volts/8AH	5-15/16" x 3-11/16" x 2-9/16"	$24.95/each

The Sun'll Come Out Tomorrow…



Bet your bottom dollar it will. Be ready for it with this nice solar cell made of glass-enclosed copper indium diselenide. Measures 2-3/8" square x 3/32" thick and is rated for 4.5VDC at 50mA. Has (2) 1" long contact strips for output; the negative strip is marked. Made in the USA.

37731 **4.5VDC Solar Cell** **$8.75/each**

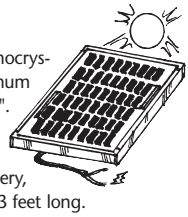
NEW!

Hey You, Get Off The Grid!

Eschew plugs with this solar battery charger. Has a 5-3/8" x 2-1/8" solar cell in the lid, a 160mA ammeter below it. Compartments hold standard D, C, AA & AAA rechargeable batteries. Will charge NiMH, NiCd and (7) different prismatic cells. Charges (2) of the same sized batteries at once and comes with directions. Measures 6-3/4" x 4-3/4" x 2-1/2" with a little easel to help it catch some rays.

42940 **Solar Battery Charger** **$14.50/each**

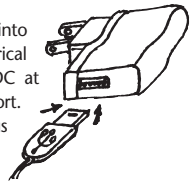
Here Comes The Sun



Grab some and save money. This monocrystalline solar panel in a (removable) aluminum frame measures 10-1/2" x 8-5/8" x 11/16". Rated for 12VDC at approx 280mA (5W). No-load voltage is approx 21VDC. Excellent for charging a lead-acid battery, and convenient, with leads that are over 3 feet long.

93728 **Solar Panel** **$52.95/each**

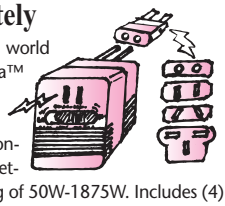
USB Adapter



Our low-profile adapter plugs right into the wall (well, into a standard electrical outlet in the wall) and puts out 5VDC at 200mA through a standard USB port. Measures 2-1/4" x 1-7/8" x 15/16", plus the prongs. No charge indicator or circuitry, so check those charging appliances regularly. Handy and cheap.

40579 **USB Adapter** **$2.95/each**

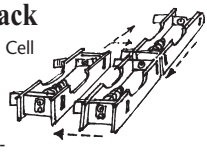
Power Converts Absolutely



Tote your electrical goodies on your world travels with impunity with this eta™ (Essential Travel Accessories) power converter that's pre-priced at $39.95. Converts 220-240VAC to non-grounded 110-120VAC with a low setting of under 50W and a high setting of 50W-1875W. Includes (4) input adapter plugs in the configurations used in most countries (manufacturer says it's good in 150 nations): dual round pin; dual angled blades; dual parallel blades; and 3-blade. polarized output. Adapter plugs can be used independent of the converter.

42063 **Voltage Converter** **$19.50/each**

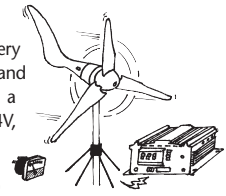
Build A Better Battery Pack



Our each is (4) of the blue plastic "D" Cell modular battery holders, approx 3-3/8" x 1-7/16" x 1-1/8" deep without tabs. They slide together either side-to-side or end-to-end or any combination of both, with connecting tabs in both directions. Can be wired parallel or in series. Open tops. Interesting possibilities.

94271 **Battery Holders** **$4.75/each**

Inherit The Wind



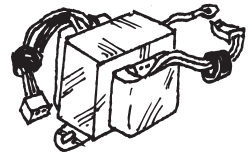
Time to get off the grid with your very own wind turbine. This one, brand new from Sunforce® Products, has a 600W output in either 12V or 24V, with (3) 22-1/4" long nylon and fiberglass blades and a blade span of 51-1/4" total. Body is 27-1/2" long x 10" dia with a 21" high tail-fin/stabilizer. Includes an MPPT (maximum power point tracking) charge controller to optimize battery life and a 30-amp panel meter. Weighs 36 lbs and operates on winds as low as 4 mph and up to 156 mph. It's designed for easy assembly and installation, but you'll need to add your own storage battery and a 2" dia pole to the recommended height of 20 to 30 feet above obstructions.

94230 **Wind Turbine** ~~**$699.00**~~**/each**

New Lower Price! **$599.00/each**

NEW!

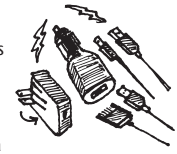
Transform Something



This step-down transformer has a 12V 0.7 secondary and primary taps at 220, 110, and 48V (!). Use black and brown for 110V input. Measures 2" x 1-7/8" x 1-5/8" with a pair of 3/16" ID mounting wings.

42743 **Transformer** **$3.50/each**

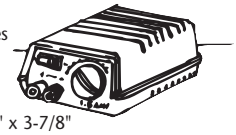
Adaptable Charger



You can never have enough USB chargers around. Leave one in the car, one in the truck, one in the office, one in the boat, and two in the pockets for right- and left-handed charging. Made for Sansa® media devices, this one has both a wall adapter with a fold-back ungrounded plug and a cigarette plug adapter with USB outputs, plus a pair of 30" jumper cords, (1) with a proprietary Sansa® plug but the other with a mini-USB plug. UL/CSA/CE.

42449 **Multi-Charger** **$4.95/each**

Power Supply



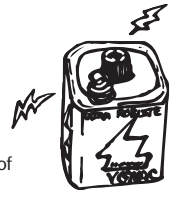
This MW® regulated power operates on 120 VAC and delivers constant accurate power to a video game, radio, portable TV, or any device drawing up to 2.0 amps. The 5 1/8" x 3-7/8" x 2-5/8" housing has a rotary dial to designate 3, 4.5, 6, 7.5, 9 or 12 VDC output, and heavy-duty red and black binding posts. Automatic short circuit and overload protection and thermal cut-off. Add the mini plug kit or the alligator test clip leads. The mini plug kit contains six of the most popular DC plugs for DC powered devices such as portable TV sets, video games and radios. "Gator" clips are 36" long with one red and one black lead.

92535 **2A Power Supply** **$29.95/each**

93921 **Mini Plug Kit** **$7.95/each**

94358 **Banana/Alligator Test Leads** **$3.95/each**

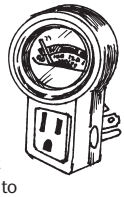
Standard 6–Volts



Nice, new 6-volt lantern batteries from Ultralast®, labeled for the international market. Standard 2-5/8" square x 3-3/16" high, standard spring tabs on top. Advanced Heavy-Duty the label says. We'll price it to save you a world of dollars, pesos and francs, Pat says.

88182 **Battery 6–Volt** **$4.50/each**

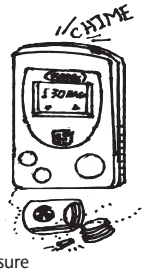
Just Passing Through



This voltage monitor plugs into a standard grounded wall outlet and takes the plug from your appliance so you can monitor the voltage drop on your electrical service or generator. (Yes, they're just the thing for testing generators before the power goes out.) Unit measures 4" x 2-1/2" x 1" thick. The meter face is 2" dia marked for 90 to 130V in 5V increments. Color coded dial: green-good; red-bad.

42737 Voltage Monitor $9.50/each

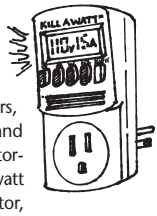
Ten Roentgens & Counting…



If Madame Curie had owned this, she'd be alive today. (She'd be more than 140 years old, of course, but still….) Our Radex RD1503 digital radiation meter evaluates the ambient level of gamma radiation, and can detect objects polluted by beta active radioactive nuclides. It uses a Geiger counter to detect the amount of gamma radiation within 40 seconds. It indicates the ambient dose equivalent in ?Sv/h (0.05 to 9.99) and the ?Rem/h exposure dose rate on a scale of 0.1 to1.25. The values are displayed on a 1-3/4" x 1-1/8" LCD screen. The presence of each particle is indicated by a clicking sound, for quick identification of affected areas, and it has an audio alarm with 3 adjustable ranges. The unit measures 4" x 2-1/4" x 1" and comes with a detailed manual and technical certificate. Requires (2) "AAA" batteries. Made in Russia. CE.

93647 Radiation Meter $199.95/each
92294 "AAA" Alkaline Batteries $1.95/pkg(4)

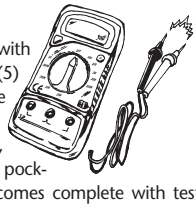
Be A Meter Reader



And save a bundle. The "Kill-A-Watt" plugs into a wall outlet and accepts the power line for any devices or appliances that draw up to 1875 watts. Identifies energy eaters, tracks efficiency and costs over time, and checks on your electricity provider by monitoring voltage, current (amps), watts, kilowatt hours, frequency (Hz), volt amps, power factor, and elapsed time. Measures 5-1/8" x 2-3/8" x 1-7/16" with a 1-3/4" x 11/16" LCD screen. You may never use a waffle iron again.

93575 Kill-A-Watt $27.95/each

Digital Multimeter

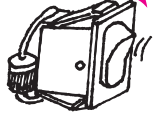


3–1/2 digit LCD electrical multimeter with a max reading of 1999. Measures (5) ranges of DC, (2) ranges of AC voltage both to 500 V, (5) ranges of resistance to 200K ohms, DC current to 10 Amp., diode test, transistor and battery test. A pocket sized 2–7/8" x 5-3/4" x 1-1/2", it comes complete with test leads and 9 volt battery. The best value for this size we have seen.

89416 Digital Multimeter $16.95/each

NEW!

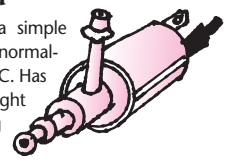
Little Gray Rocker



No, not Keith Richards, but a nice gray latching SPDT rocker switch, rated for 15A at 125VAC, 7A at 250 VAC and 1/2A at 125VDC. 3/4 HP over all and measures just over 1" x 7/16" x 1" counting the quick-disconnect terminals at the bottom. Wired with a diode between the outer terminals. Mounts with snap clips. UL/CSA. Made in USA by Defond.

42898 Rocker Switch $2.95/pkg(4)

Just A Simple Solonoid

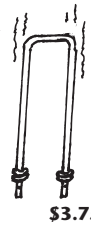


This take-out solenoid valve is a simple open/closed solenoid valve that is normally closed. It draws 100mA at 12VDC. Has 3/16" OD inlet and outlet at right angles to each other. Housing measures 1-3/16" long x 15/16" dia with terminals at the back end.

40672 Simple Solonoid $3.25/each

NEW!

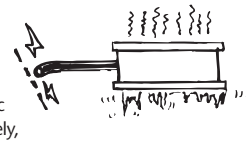
Heating Element



To heat what is anybody's guess, but it's a U-shaped heating element, 8-3/8" x 2-5/8" x 1/4" dia with a 107 Ohm Resistance and rubber grommets above the 3/16" wide power terminals. When CJ heated it up to 120F, those grommets got gooey, so he says use lower voltage DC.

42223 Heating Element $3.75/each

Peltier Heat Pump

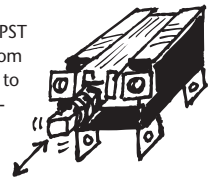


High tech comes to Am Sci & Surp!! It is here in the form of a Peltier junction, a thermo-electric device that translates electric power into heat, and perversely, into cool. Apply current @ 3-12 VDC to the gizmo and it extracts thermal energy from one face, thereby cooling it. The heat is dumped onto the other face, thereby heating it. Please note: you must use a heat sink on the hot side or the junction will fry itself, since it can quickly create a 65° C temperature differential in a no load situation. Stack two, or build a cascade to increase the thermal differential created. Or run it backwards. Apply heat or cold to the relevant face and produce a current. Amazing for science projects and experiments. Practical for coffee warmers, beer coolers and mini-refrigerator or warming oven applications. Comes with instructions. Large is 1-9/16" sq. x 3/16" thick.

89143 Larger Peltier Junction $16.95/each

NEW!

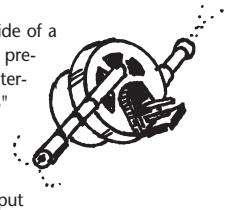
Latching Pushbuttons



Made for desktop PCs, these DPST latching pushbutton switches from Legion Electronics are rated for up to 10A at 125-250VAC. Measure 1-1/4" x 3/4" x 11/16" with a spring-loaded 5/8" plunger, (4) quick-disconnect terminals on the bottom and tapped 3/32" mounting holes on the sides. CSA.

42896 DPST Switches $2.95/pkg(4)

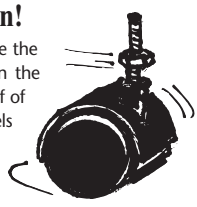
Suction Flow Sensor



Made to be used on the suction side of a vibratory pump, this flow sensor prevents measuring errors during waterflow pulses. Unit measures 2" dia (3" long with connectors) x 1-9/16". Uses 4.5-24VDC @ 5-13mA. Tubing connects via 1/4" OD hose nipples. Does not supply an output voltage but switches the signal terminal from ground to open. We'll throw in a data sheet for you, too. Digmesa part #974-9501.

42648 Pump Sensor $3.95/each

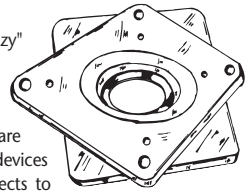
Swiveling Casters, Batman!



These black-plastic swiveling casters are the ones found on half the desk chairs on the planet, and look like a mini bottom half of one-a-them Segwayers. The dual wheels are 2" dia x 3/8" thick in a 1-1/2" wide case on a 5/16" - 18 threaded stem 1" long. Rated for 75 lbs each.

41758 Swivel Casters $3.50/pkg(2)

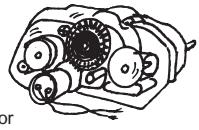
Lazy Scott Bearings



Never seemed fair to nail the "lazy" tag so permanently on the "Susans" but that probably has no "bearing" on the issue. Also called turntable bearings, they are the square, flat ball bearing devices YOU bolt between two flat objects to achieve rotation. Like that spinning center section of a Chinese restaurant table. We had these in surplus once and they were quite popular. To our chagrin, we discovered they could be bought commercially for the same price. So we did. The 4" version is rated for a 300lb and the 12" (round) for 1000lbs.

2934 Lazy Scott Bearing, 4" $2.25/each
21992 Lazy Scott Bearing, 12" $7.95/each

I Am A Camera Motor

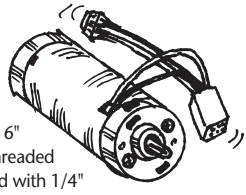


Maybe. This 3-12VDC reversible gear motor might could (as they say in the Carolinas) have come out of a camera assembly, or not. Either way it's great for artists and hobbyists. Measures 4-1/2" x 2-3/4" x 2" in a plastic housing. Spins approx 80 rpm at 12VDC with a 1/4" dia x 9/16" flattened shaft. Has (3) external rotating encoder discs and a smaller, stubby 1/4" x 1/4" secondary shaft. Quite torque-y and would make an excellent robot motor. Has (2) 4" leads.

12683 Reversible Gear Motor $14.50/each

NEW!

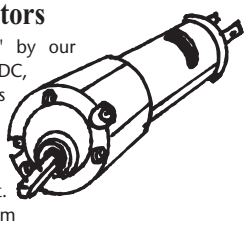
Nifty Spinner



This reversible 12VDC motor draws 500mA no load and stalls at 2.5A, spins at approx 2,000 rpm and measures 2-3/4" long x 1-7/16" dia with a 3/16" long x 1/8" dia shaft and threaded 3/32" mounting holes on one end with 1/4" long x 3/16" dia shaft on the other end.

42747 2K RPM Motor $3.75/each

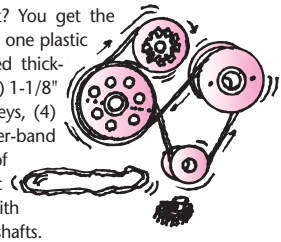
Reversible Gear Motors



Officially designated "great" by our house gearhead Bill, these 12VDC, .21A (.57A stall) gear motors are 2-3/8" long x 1-15/16" dia at the gearbox head x 1-1/16" dia at the body, with a 3/16" x 5/16" long flattened shaft. Terrific torque and operate from 3-12VDC with 12 being nominal. Reversible with (2) solder terminals on the back. You pick the 20, 50, 150 or 300 rpm motor.

94957 20 RPM Motor $15.75/each
94958 50 RPM Motor $15.75/each
94959 150 RPM Motor $15.75/each
94960 300 RPM Motor $15.75/each

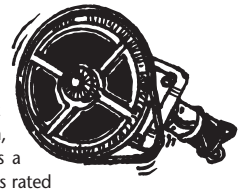
Gearspulleysbushingsbelts



Can you say Science Project? You get the whole shebang (45 pieces) in one plastic set: (30) bushings in assorted thicknesses, (4) 5/16" dia gears, (2) 1-1/8" dia pulleys, (2) 3/4" dia pulleys, (4) 7/16" dia pulleys, (4) 2" rubber-band belts and (1) 40" length of elastic cord. Includes graphic directions. Made to use with small DC motors with 1/16" shafts.

94009 Pulley & Belt Kit $7.95/each

Gear Motor



Attention robotics boffins: Here's a nice, powerful 12-24VDC Mabuchi brush motor with a gearbox and pulley attached. At its nominal 24DC, it spins 45rpm, draws 280mA no load, and stalls a 750mA. 7.5 in-lbs of torque and is rated for continuous duty. Has a 3/4" long x 5/16" flattened shaft with a 4-5/8" dia x 5/16" wide (3/16" ID) single-sheave pulley attached, with a matching O-ring. The gearbox measures 2-3/4" x 3" x 9-1/16". The motor measures 1-1/16"dia x 1-5/8" long and comes with 7" leads and a 2-pin Molex connector.

37837 Motor W/Pulley $14.75/each

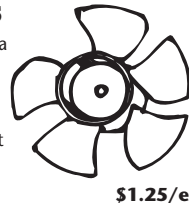
NEW!

Props For These

Black plastic five-fin fan blades. (Say that ten times fast.) They measure 4-3/8" dia with 1-3/8" long blades and a 3/16" dia slotted bore for mounting. Made in the USA, for clockwise rotation. Stay cool this summer. You can never have enough fans.

42752 Five-Fin Fans $3.50/pkg(2)

We Have So Many Fans



And even more fan blades. Choose a white-plastic 5-blade or a black-plastic 4-blade, each approx 4" across with a 3/16" bore. Designed for clockwise rotation. No motor. Just blades. (But nice little blades.)

36415 White Fan Blade $1.25/each
36416 Black Fan Blade $1.25/each

Big Arctic Muffin

From Kest. Measures 6-3/4" wide x 5-7/8" tall x 2" thick, spins at 3100 RPM, draws 730mA at 120VAC, pushes 240 CFM with a 7-blade impeller and has (2) 12" leads. UL/CSA.

92941 Arctic KEST-481BW $33.95/each

Fresh Muffins

Tasty little Arctic muffin fan from Kest, and brand spankin' new. Measures 4-5/8" sq x 1-1/2 thick, draws 310mA at 120VAC, spins 3100 RPM and pushes 112 CFM with a 7-blade impeller. Twin 8" long leads with no plug. UL/CSA.

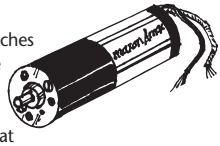
92940 Arctic KEST-471BT $16.75/each

Timing Is Everything

What we have here is your standard counter-clockwise teardrop-shaped timing motor, with a 1/4" dia x 3/16" 48-pitch spur gear. Runs 6/5 rpm, 120VAC, 60/50 Hz. Measures 2-5/16" x 1-5/16" with mounting holes on the face of the motor and (2) leads. Synchron part #38970OL-6-106.

42730 Timing Motor $3.95/each

Swiss Movement

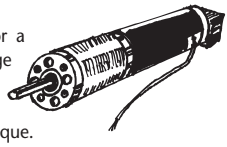


It's not all chocolates and wrist watches in Switzerland; they also make mighty nice motors. This small, reversible inline DC gear motor from Maxon is nominally rated at 36VDC continuous duty; 140mA and 152 rpm. At 12VDC it spins approx 30 rpm. Measures 1-15/16" long x 15/16" dia with a 3/16" long x 1/8" dia flattened shaft and 1-1/4" leads. Stalls at 250mA.

41894 Swiss Maxon Motor $9.50/each

NEW!

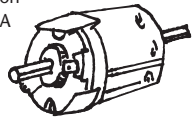
Real Beauty



CJ called this 12VDC gear motor a beauty and very well made. Voltage is 12 VDC nominal, but amperage is not. Draws 7 Amps under heavy load with 162 in/lbs of torque. Gearbox is 27:1 and we couldn't make it stall. Has a dual encoder with pin-out at the bottom and measures 6-3/8" long x 1-13/16" dia with a 15/16" long x 3/8" dia shaft with a 1/8" key and a pair of 6" leads. Mounting holes are a tight 1/8"-24. Made in Poland, where they make particularly attractive motors, apparently.

42749 Polish Gear Motor $45.00/each

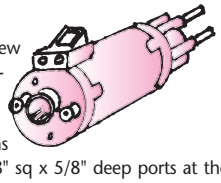
12VDC Double-Shafted Johnson



This 12VDC motor, part of Johnson Electric's HC 970 Series, draws 500mA no load, spins approx 2900 rpm, has a 2.5A stall current. Measures 2-3/4" long x 2" dia with an 11/16" long x 1/4" dia shaft at each end.

41623 12VDC Johnson Motor $6.95/each

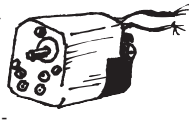
Take It For A Spin



This 12VDC gear motor is a new reversible double-shafted automotive seat motor that was never installed in the auto. Draws 1.3A no load, stalls at approx 9.5A and spins 2,500 rpms. Output is through 1/8" sq x 5/8" deep ports at the front and back of the housing (we'll include (2) short, square shafts to get you started). Housing measures 4-5/8" long x 1-29/32" dia with (2) shrouded power terminals at one end and (2) 3/16" dia spurs at the other. Overall, it's 5" x 2-3/4" across.

40589 2500 RPM Motor $9.50/each

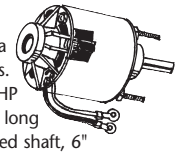
Bühler? Bühler? Anyone?



This 12VDC gear motor from Bühler Motor® (341 4 305 A) spins at approx 40 rpm, draws 25mA, stalls at 1.7A and gives us a chance to use an umlaut. Measures 1-7/8" x 1-5/8" x 1-1/8" with an offset 3/8" x 1-8" flattened and keyed shaft. Includes a pair of 7" leads. Made in Germany, along with most umlauts.

41389 Bühler Gear Motor $14.50/each

Electric-Towel Power

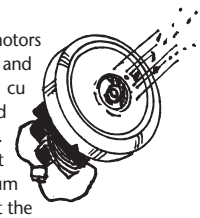


This high-speed spinner once lived in a hot-air hand dryer, but now it can be yours. The 120VAC 2A motor is rated at 1/15HP and spins CW at 13.5K rpm. Measures 5" long x 3-3/8" dia with a 1-1/4" x 5/16" flattened shaft, 6" leads and a pair of 5/8" long x 3/16" - 32 threaded mounting bolts on the shaft side. Intermittent duty. Made in the USA.

41419 Hand-Dryer Motor $12.50/each

NEW!

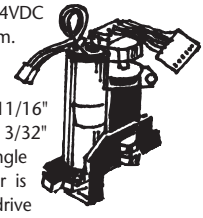
This Sucks Big Time



But we love these vacuum cleaner motors with rotor. Draw 600W at 120VAC and the manufacturer rates them for 2.2 cu M/min (80cfm) on the blow and 16kPa (4.72"/Hg) when sucking up. CJ approximates that they spin at about 2,000-ish rpm, like most vacuum cleaner motors. Measure 4-1/4" dia at the hood for the rotor x 3-11/16" thick.

42863 Vacuum Motor $12.50/each

Gear Motor With Disposable Parts

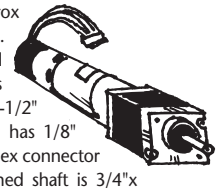


Our motor dude calls this DC reversible gear motor "very interesting." Rated for 3-24VDC with speed ranging from 75 to 654 rpm. The current draw is very low, 2.4mA no load and the highest readable stall current is 90mA. The motor itself is 1-11/16" long x 11/16" dia with a 7/16" long x 3/32" dia shaft with a 9mm (approx 3/8") single sheave, 2mm ID pulley on it. Motor is connected to a monodirectional drive assembly with some mystery circuitry glued to it. Feel free to discard this. Motor is German; gearhead and drive train are Swiss.

40817 Gear Motor Assembly $14.50/each

NEW!

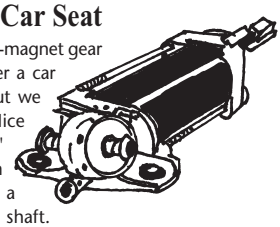
Gearhead for Gearheads



This 12VDC gear motor draws approx 300mA no load and spins at 12 rpm. Draws 2.1 Amps at a light load and torque is approx 168in/lbs. Measures 5" long (counting the encoder) x 1-1/2" dia, the shaft is in-line design, and has 1/8" mounting holes. Also has a 6-pin Molex connector with red & black for power. Flattened shaft is 3/4"x 5/16" dia and it's reversible. Sorry, no data on the encoder

42748 Gearhead Motor $29.50/each

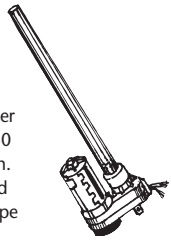
Mighta Moved A Car Seat



We believe this permanent-magnet gear motor was made to power a car seat (move your butt!) but we could be wrong. Nice though, at 5" long x 2-1/2" square in a steel body with an aluminum head and a square 5/32" hollow shaft. Operates from 6-12VDC with a 12VDC nominal. Spins 500 rpm with 16 inch-pounds of torque and a 20A stall. Reversible and intermittent duty. Nice motor that could move lots of stuff for you.

42531 500 RPM Gear Motor $15.95/each

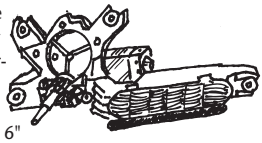
Linear Actuator



New linear actuator from Von Weise®, made for sliding camper sections, has a motor approx 6-1/2" x 3" x 6-1/2" overall. Draws 11A at 12VDC under load, 1.25A no load, and spins approx 150 rpm. Has 4" leads with a 2-pin connection. Output is through a 3/4" dia threaded rod inside a 1-3/8" dia x 35-1/2" long steel pipe (38" long over all.). Approx 30" stroke

39936 12VDC Actuator Motor $89.50/each

Wiper/Light Twofer

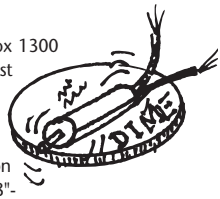


From the back end of the short-lived Ford Freestar minivan ('04-'07) we've inherited the wiper motor assemblies with brake light attached. Units measure 16" long x 5-1/2" at their widest x 5-1/2" deep. Output shaft is 3/8" dia tapering down a 5/16" dia #20 pitch thread. Motor and lamp should both run off 12V. We haven't quite figured out how to make the gear motor run without ripping it apart, but we know you'll be up to the challenge. Ford part # 5F23-17D400-AB.

40284 Wiper-Lamp Assembly $14.50/each

NEW!

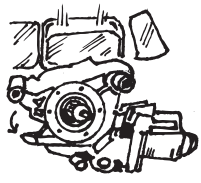
Shake A Tail Feather?



This tiny vibrator motor spins approx 1300 rpm at 1.5VDC and measures just 3/8" long x 5/32" dia with a cam-less 3/32" long x 1/32" shaft. The cam-less-ness makes it vibration-less. So you could say that it's a vibration motor without the vibration. Has 7/8"-long tinned leads for power.

42959 Vibrator Motor $4.95/pkg(2)

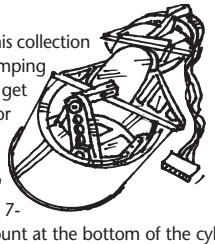
Let's Wind It Up



These 3-12VDC replacement window motors from Chrysler spin approx 120 RPM, draw 3.3A no load and stall at 10.3A. Rated 12VDC nominal. Output is through a 23/32" dia x 5/16" 32-tooth gear at a right angle to the housing, which has a trio of 3/8" double-keyed mounting holes. Measure 7-1/4" x 5" x 1-1/2" thick, with two-pin connectors. You pick driver's side (part #128001052) or passenger side (part #128001051).

42047 Driver Side Motor $14.50/each
42048 Passenger Side Motor $14.50/each

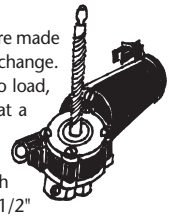
Nifty Parts



Some things are just fun to strip. This collection of nifty stuff was once the air-pumping guts of a medical respirator. You'll get a 4-3/4" dia x 1" thick Servo motor with an 11-lead 14" wiring harness mounted on a 6" double-arm piston, itself mounted inside a 6-1/4" x 7-1/2" dia aluminum cylinder. A 7-1/4" dia plastic plate (drilled to mount at the bottom of the cylinder) with (2) vents, a 5" x 3-7/8" x 2-1/4" filter housing with a screw cap and an offset 4" x 2-1/2" mounting plate with a pair of tubing connectors is also included. Happy detaching!

41211 Respirator Parts $24.50/each

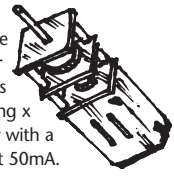
Move Your Butt



These brand-spanking new 12VDC motors are made to move automobile seats but are willing to change. They spin at approx 190 rpm, draw 1.5A no load, and stall at approx 25A. Threaded shaft is at a right angle and is 4-1/8" x 7/16". Shaft thread is non-standard, so treat it as a smooth shaft and mount pulley or gear with a setscrew. Measures 5-5/8" x 2-1/2" x 2-1/2" overall, not counting the shaft, and has power terminals opposite the gearbox with (2) 1/4" mounting holes opposite the shaft.

40588 Car Seat Motor $14.75/each

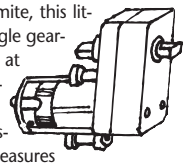
Micro-Motor



The Stephen Douglas of motors, our little giant, only 1" long x 15/32" x just over 3/8", spins at approx 45rpm. Size includes the all-metal gearbox (but not the 3/8" long x 1/8" dia flattened shaft). The 6VDC motor with a 298:1ratio draws approx 5mA and stalls at 50mA.

93997 Micro -Motor $12.95/each

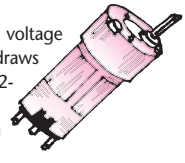
Science Project Motor & Gearbox



Great for roboticists, too. It's a mighty-mite, this little 6VDC 45 RPM motor with a right-angle gearbox. Draws 13mA, no load, and stalls at 120mA. Output is through (2) double-flattened 1/4" dia x 3/16" long shafts on opposite sides of the white plastic housing, both with 1/16" dia center holes. Measures 1-7/8" x 7/8" overall. Gear ratio is 228:1.

94000 45 RPM Gear Motor $6.95/each

Nifty Spinner

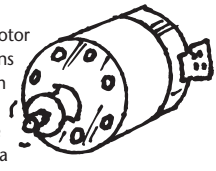


This little 6-12VDC gear motor (nominal voltage is 12VDC) spins at approx 60 rpm, draws 20mA no load and stalls at 1A. Measures 2-1/2" long x 1-5/16" dia, with a flattened 3/8" long x 3/16" dia shaft. A pair of 3mm terminals coming out of the back end.

41051 60 RPM Gear Motor $14.50/each

NEW!

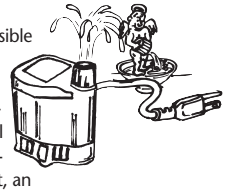
Motor Mit Pulley



This small 6-12VDC reversible motor from Mabuchi draws 75mA and spins at 2400 rpm with a low 8g/cm torque. Measures 1-5/16" dia x 1" with a 9mm/6mm ID single sheave pulley on a 5/16" long x 1/16" dia shaft. Has solder tabs for power.

42750 Motor With Pulley $3.95/pkg(2)

Submersible Pumps



Here are the ins and outs of submersible water pumps for your DIY fountain.These small electric pumps run on 24 VAC (For low energy consumption.) from the included wall outlet adapter, are rated for continuous duty, have (3) suction-cup feet, an adjustable flow control and both a straight and 90° 5/16" tubing adapter. This little pump is roughly 2-5/8" x 1.5" x 2-1/4", has a 6-ft power cord with an in-line switch, and pumps 70 gal/hr @ 1 ft lift. Plug it in and go with the flow. Indoor use only.

91348 Indoor Water Pump $14.95/each

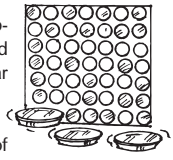
Screw-In Furniture Glides

Why count on self-adhesive pads when you can screw these furniture glides into the legs and be sure they'll stay put. You get (16) pads at 3/4" dia x 1/4" thick, with screws. Mount the circular holders, then snap the nylon pads into the holders, over the screw heads.

41303 Furniture Glides $2.95/each

NEW!

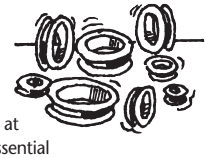
Rubber Bumpers



Not necessarily for baby buggies, these rubber bumpers just serve to soften life's hard moments. You pick from a sheet of (49) clear rubber self-adhesive bumpers at 1/2" dia x 1/8" thick or a sheet of (18) at 3/4" dia x 3/32" thick. Great for softening the blow of closing drawers, closet doors and furniture feet.

95027 3/4" Bumpers $2.75/each
40808 1/2" Bumpers $3.75/each

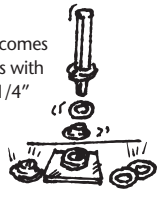
Grommetocopia



Grommets, grommets, grommets. Our each is a 180-piece assortment of oil-resistant grommets in the (8) most common sizes. You get (40) each at 3/8", 1/4", & 5/16"; (25) at 7/16"; 20 at 1/2"; (5) each at 5/8", 7/8" and 1". Essential for sewers, crafters, cobblers and electricians.

95020 180-Piece Grommet Asst. $6.75/each

Grommets, No Wallace

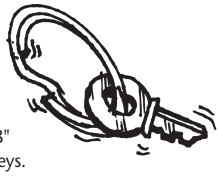


Attention grommeteers: this grommet set comes with (30) 7/8" OD x 9/16" ID brass grommets with matching brass washers, the appropriate 4-1/4" long hole punch, a 2" long grommet punch and a 2" dia plate, all made of zinc. All you bring to the grommet party is the tarp, tent, banner, etc., that needs repair (or the shower curtain you're making), and a hammer.

94590 Grommet Set $4.95/each

NEW!

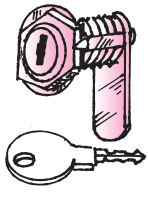
Heavy Duty Split Ring



These are the split rings with the beveled profile, the good ones. The bevel and the largeness of these rings translate to fewer chipped fingernails and blurted-out obscenities. Measure 1-1/2" dia x 1/8" thick, in steel, and hold a bunch of keys.

42897 Big Split Rings $2.95/pkg(20)

Cabinet Locks



Lock up your favorite stuff, and absolutely lock up the dangerous/poisonous stuff, with these individually keyed cabinet/showcase locks. They are 3/4" dia double-flattened bodies x approx 1" thick with a 1-3/8" long latch. Come with a clear plastic bushing, lock-washer, nut and (2) keys.

42196 Cabinet Locks $3.95/pkg(2)

The Renter's Friend

Hang a dozen works of art with no fear of losing your security deposit. Stick the (12) 1-3/4" Velcro® squares on the wall and match them to the 1-1/2" long strips you put on the pictures. Peels right off (the wall patch, not the picture side) when you move. Works for smooth painted walls, metal, glass, plastic, wood and more, but not wallpaper. Supports up to 4 lbs. Ideal for dorm rooms, and the homes of the peripatetic.

42792 Velcro Picture Hangers $2.95/each

Look Ma! No Hands!

Hang-A-Screen™ is the trade name for this mega-handy hands-free screen door that you have probably seen on television in the wee small hours. You get (4) black mesh screens, 83" long x 20" wide with coated magnets on one edge and (24) self-adhesive hook-and-loop strips plus (40) tacks for mounting options. Hands full? Walk right through it and it magically opens then just as magically swings shut. Works for the pooch, too.

42552 Hands Free Screen Door $12.50/each

NEW!

Bicolor Hookenloopers

You pick the black or white self-adhesive hook-and-loop tape fastener. Peel off the backs,stick them on stuff and then stick the stuff together. You get (15) feet of both hook and loop tape, 3/4" wide.

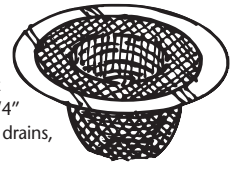
95004 White Hook & Loop Tape $8.95/each
95005 Black Hook & Loop Tape $8.95/each

Sticky Feet

Each pack has (32) peel-and-stick circular rubber feet, 9/16" dia x 1/8" thick. We'll pick from among an assortment of black, white and translucent blue. You'll get (64) feet, which is the same number as (24) zebras.

42056 Rubber Feet $4.95/pkg(2)

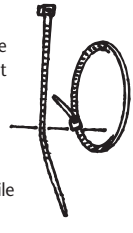
Plumb Cheap



Our each is a set of (4) removable sink strainers with stainless steel mesh wells and flat rims. The set includes (1) 4–1/2" dia for 2–1/4" drains, (1) 2–3/4" dia for 1–1/8" drains, and (2) 2" dia for 3/4" drains.

92458 Sink Strainers $1.95/each

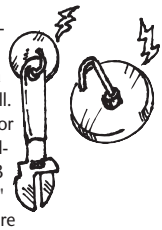
Zip It Up



IIn black. Our wire ties will tie things up, tie them down, or bundle all those errant wires into a nice neat package-and make that satisfying zzzziiiiiiip sound while they're at it. We love that sound. Our each is a pack of (100) ties 7-3/8" long x approx 3-16" wide with 50-lb tensile strength for bundles up to 1-3/4" dia. UL.

93187 7" Cable Ties $3.75/each

Stick 'Em Up



Now you can have a good, strong hook without drilling any holes. This plated magnetic hook sticks to any ferrous metal surface via a 2" dia alnico magnet with a 10-12 pound pull. Handy gadget to hold a tool, towel, broom or key ring (and if the ring is too heavy, consider throwing away the keys to your 1983 Chevy, and maybe a few more). The 3/4" long J-hooks have threaded ends and are removable. Our each is a package of (2).

93933 Strong Magnetic Hooks $2.95/each

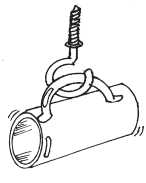
NEW!

Swiveling Snapper

This gadget's got a 3/4" ID swivel loop on top and a similar size snap-hook on the bottom, or vice-versa depending on which end is up. Measures 3-1/8" long. Plated aluminum and rated for light use at a 50 lb load.

42886 Swivel Snap Hook $3.95/pkg(2)

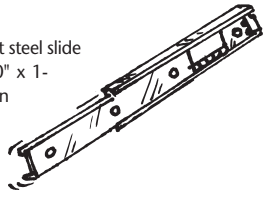
Get The Hook



Got any hang-ups? Try our package of a dozen (12) threaded, brass-plated steel cup hooks with a 7/8" ID, but you could bend them if you want.

42565 Cup Hooks $1.95/each

Short But Sturdy



For shallow drawers, our short steel slide is plenty tough. Measures 10" x 1-3/8" x 3/8" thick with a dozen bearings on each side, and extends to 17" long. Has (3) 3/16" mounting holes on top and bottom.

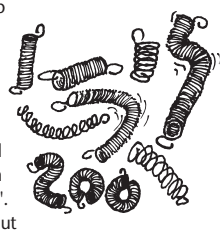
42250 10"-17" Drawer Slide $4.95/each

Worth Springing For

No large ones, but (101) amazingly assorted small extension, compression and torsion springs — most, but not all, 1" to 2" long. Assorted lengths, assorted widths, assorted finishes, asorta handy bag of replacement parts to have around the house.

92272 101 Asst Springs $5.25/each

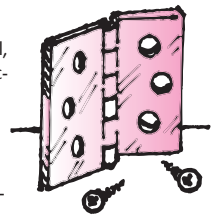
Put A Little Spring In Your Step



Easy to put a little spring in your step or anyplace else when you have this collection of (200) little zinc-plated steel springs. You get (20) sizes in all, including (76) compression springs in assorted sizes between 7/32" x 11/16" and 3/8" x 3/4" and (124) extension springs between 5/32" x 3-1/8" and 11/32" x 1-27/32". They come sorted, in a nice snap-shut and hang-up-able translucent plastic case.

94229 Whole Buncha Springs $6.95/each

It All Hinges On This

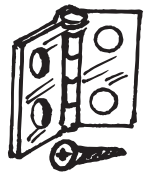


You know you need these universal, standard, everyday always-useful zinc-plated steel cabinet hinges with removable pins from Stanley®. These are 2-1/2" wide x 1" with (3) mounting hole per side, and include (6) screws per hinge. You get (2) packages of (2), for a total of (4) hinges.

40510 Stanley Steel Hinges $2.95/pkg(2)

NEW!

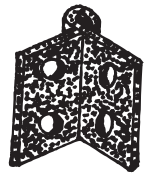
Hinge Ordinaire



Your ordinary generic everyday plain old steel hinge measures 2" long x 1-1/2" wide when open with a 1/8" axle and mounting holes just a hair under 1/4". Comes with screws, as they will. Ordinary, yes, but necessary.

42512 2" Hinges $3.95/pkg(2)

Unhinged?



These matte-black steel hinges have an etched finish to look and feel like wrought iron. Maybe even over-wrought iron. Measures 2" tall x 5/8" x 1/16" thick with (2) countersunk 3/16" dia hole in each wing.

70016 Black Hinges $3.50/pkg(4)

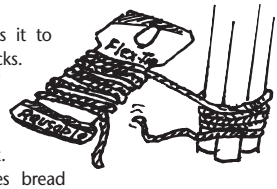
NEW!

Apostrophic Doorstop

The "Stoppy" is an apostrophe-shaped (or boteh-shaped--the little curly thingy in paisley fabrics) doorstop that measures 3-7/8" along the curve and is designed to fit gaps from 1/4" up to 3-1/2". Made of flexible plastic and non-marking rubber, it will also wedge open that window with the broken rope you keep meaning to get fixed. In assorted stylish colors. Made in Germany.

42840 Curly Doorstop $2.75/each

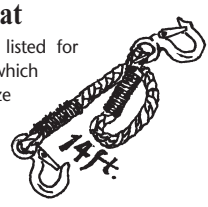
Fat Wire Tie



Barb loves this stuff--uses it to close up bags of bad checks. Our each is a 72" coil of re-usable 20AWG steel wire sheathed in a 3/16" soft rubber green coat. Like the stuff that closes bread bags but real thick and sort of , well, nice. Perfect anywhere zip-ties are too permanent, plus zillions of craft applications.

42855 Fat Wire Ties $5.50/pkg(2)

Tow, Tow, Tow Your Boat



This 9/16"dia nylon tow rope is listed for 2,200 pounds tensile strength, which makes us a tad anxious about full-size cars, but there are plenty of other towables out there. Measures 14 feet long in bright yellow nylon with a snap-lock hook at each end.

42585 Lightweight Tow Rope $7.95/each

21st Century Walking Stick

Walking sticks have moved into the space age! This walker's/hiker's friend has futuristic features and the look of an inter-galactic weapon. The high-quality collapsible aluminum stick extends from a packable 27" to a full 56", and has a carbide tip with a rubber cover, a removable 2" dia disk to keep the stick from sinking into soft ground, and an internal shock absorber that can be turned on or off. At the top, a 5-LED flashlight with a 90° pivot is embedded in a molded-plastic cane-style handle to light your way. For mountain trekking, lengthen the stick, slip the adjustable canvas wrist strap over your hand, and clutch the stick by the padded foam section below the cane handle. Directions, diagrams, and 1100mm to 1350mm gradations are marked clearly on the 3-draw pole. We'll pick a black or anodized red, green, blue, silver or purple version for you.

93032 **Walking Stick** **$13.95/each**

NEW!

Snack In The Woods Much?

For camping, picnicking or outdoor concerts, this fold-up table is the berries. And you could put a bowl of berries on it. Same design as those handy chairs that you can fold up and slide into a pouch, this table has a digital camo top with (4) mesh cup-holders and four corner cords to stiffen the top. Measures 18" square x 16-1/2" tall open, folds to approx 24" x 4" dia, in a carrying pouch.

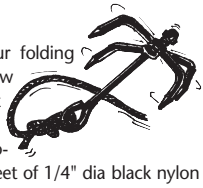
94935 **Folding Table** **$14.50/each**

Fisherman Tool

For the man or woman who likes fish better than leather, our multi-tool features a hook-removing bent nose pliers with coarse and fine jaws, (3) sizes of crimpers and a wire cutter, a #2 Phillips driver, filleting blade, 3/16" flathead driver with bottle opener, can opener, knot-tying tool, serrated blade, and rubber-coated Fish-shaped handles. No pouch, so keep it in your tackle box.

42782 **Piscatorial Multi-tool** **$12.50/each**

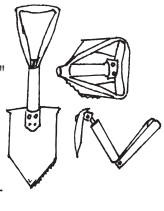
Grapple With This



Don't leave the bat-cave without your folding steel grappling hook. You never know what evil might lurk on top of the next 33-foot-tall building. Has (4) black steel hooks, 1/2" dia x 8" across, point-to-point, on a 9-1/2" long shaft, and 33-feet of 1/4" dia black nylon cord, which is heavier than it sounds. Folds flat for utility belt storage and is spring-loaded to lock open. Less-than-super heroes can use it to grab canoes and get stuff out of trees. Weighs under 3 lbs.

93739 **Grappling Hook** **$30.95/each**

Know When To Fold It



Veterans will know this as an entrenching tool, but to everyone else it's a folding camp shovel. Our hardened steel version is 22-1/2" long when open, folds to a measly 9-1/2", and weighs just over 2-1/2 lbs. Blade is 8-1/4" long x 6" wide, serrated on one side. Fits into the light canvas pouch, which you can carry on your belt because you never know when you'll need to dig a hole.

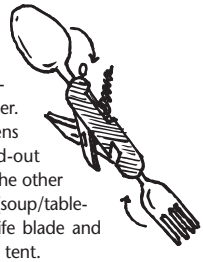
94814 **Folding Shovel** **$9.50/each**

Be Like A Boy Scout

Always be prepared. Even if it's not raining, toss one of these one-size-fits-pretty-much-everybody (they're 61" x 65") assorted colored polyethylene hooded ponchos in the car, another in your backpack, a third in your coat pocket or purse. They're thin, emergency-type protection and come folded up in a packet about 3" x 5" x 1/2" thick. You get (3) because you just can't be too prepared.

94102 **Rain Poncho** **$3.95/pkg(3)**

Folding Flatware



Our most substantial, stainless steel camping flatware comes in two interlocking pieces approx 4-1/2" long x 1-1/2" when together. Snap them apart and the fork opens to approx 8" long with fold-out corkscrew and can/bottle opener. The other piece opens to an 8" long spoon (soup/table-spoon size) with fold-out (jack) knife blade and awl. This set is as important as your tent.

42816 **Camping Utensil Set** **$6.50/each**

Boy Scout In A Bottle

The Survival Bottle itself is an acrylic, 27-ounce water bottle with a screwcap and keeper. Inside is a compressed towel that magically expands to 23" x 11-1/2"; a 52" x 82" Mylar blanket; a 3" x 1" magnesium fire-starting block with a 3" saw blade; a 5-function pen-knife/tool/whistle/thermometer/compass/mirror/magnifier/LED flashlight combo (phew!) powered by a couple of included coin cell batteries.

93668 **Survival Bottle** **$13.95/each**

I'd Like To Buy The Carp A Drink

On the theory that muskies also like a beer on a hot day, Miller and Leinenkugel's bring you these beer-can replica bobbers. Measure approx 2" tall x 1" dia in plastic with 2-1/2" spring-spikes to attach your line to. You can drink a Bass while you fish but you can't eat a bass until you catch one. These bobbers will help.

42215 **Beer-Can Bobbers** **$3.95/pkg(2)**

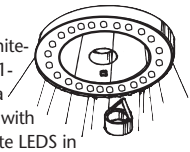
Mylar Warmth

They have the look of something designed for the space program. They're mylar, a paper-thin shiny metallic sheet, that comes in handy when your car breaks down in winter, or when you're separated from your climbing group on the slopes of Mt. McKinley. Barring that, they're also a perfect material for a do-it-yourself cold-climate Halloween costume-near impossible to rip by hand, but cut easily with scissors. There's no padding, so they wouldn't be too comfy on your bed, but they sure are warm. They both come folded about the size of a wallet. The Blanket is 52" x 82", the Sleeping Bag is 34" x 84".

91007 **Emergency Blanket** **$2.50/each**

91432 **Mylar Sleeping Bag** **$5.50/each**

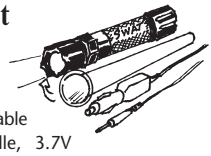
LED Camping Chandelier



Or closet ceiling fixture back home. The white-plastic, 5-3/8" dia x 3/4" thick disc has a 1-5/16" opening in the center that has a reversible, removable hook for hanging with the LEDs facing up or down. Has (24) white LEDS in a circular row and a push-button switch. Takes (3) "AA" batteries (not included) which will last around (12) hours at full throttle.

93413 LED Camping Light $7.95/each
93413P2 2 Pack SAVINGS! $12.95/pkg(2)
92293 "AA" Alkaline Batteries $1.95/pkg(4)

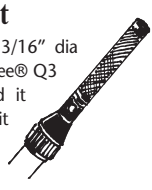
Pocket SWAT Team Light



Just like the big tactical flashlights used by SWAT teams, but in a handy 6" long x 1-1/2" dia size. In black anodized aluminum with an adjustable flood-to-spot zoom, knurled handle, 3.7V Lithium-ion rechargeable battery, wall wort and accessory-plug chargers, an orange traffic baton attachment and a 3W Cree® XPE bulb. Push-button switch activates high and low intensity and strobe settings. Includes a holder for (3) "AAA" batteries

94662 Small SWAT LED Light $19.95/each

Scary Bright Cree® Q3 Light



Mighty bright for its size, this 8-1/4" x 13/16" dia (with a 1-1/16" dia lens) flashlight has a Cree® Q3 LED bulb. Our VP for Illumination called it "scary bright." Rated for 100-120 lumens, it even has a flashing mode for emergencies. Black aluminum body and a belt-mount carrying sleeve. Recommended by the manufacturer for hunters, security and law enforcement personnel, etc. Uses just (2) "AA" batteries but you still have to provide them.

94512 Super-Bright Light $14.95/each
92293 "AA" Alkaline Batteries $1.95/pkg(4)

Findable Flashlight

This small, but mighty, 9-LED flashlight has a glow-in-the-dark switch so you can, duh, find it in the dark when you need it. Measures 4" long x approx 1" dia with a 4" wriststrap and the GITD push-button switch on the non-business end. Weather resistant. Comes with (3) "AAA" batteries. We'll pick one in brushed or anodized blue aluminum, silver, green camo or black.

94223 9-LED Flashlight $3.95/each

Government Glow Sticks

These 5-1/8" long x 3/4" dia glow sticks are US military surplus and glow with a blue-ish hue. They aren't super bright but they last a very long time--make your own jokes--up to (8) hours. There's both a hook and a 3/16" hole at one end.

42148 Government Glow Sticks $7.50/pkg(8)

Emergency Blanket

What a bright idea! Our emergency blanket is reflective silver Mylar on both sides. Measures 68" long x 23" wide x a heat-sealing 1/16" thick. Comes with attached straps to roll it up and store it, plus a little carabiner to clip it to a pack. Keep it in the car and it might save your life. Or use it as a slim 21st century bedspread if you have a stainless steel bedroom.

94240 Emergency Blanket $5.95/each

Sleep Skeeter-Free

This dark green nylon mosquito netting is made to cover a cot, with you in it. Measures 79" long x 42" wide and hangs down 62" (it's a tall cot) on the sides. Has tie mounts on all four corners plus halfway down the long sides, but you supply the poles or something else to drape it on. It's just a net. But as nets go, it's a beauty. Mesh is fine enough to thwart no-see-ums, as they're known in Florida. (Those are midges to you Scots, and to everyone else they're really tiny flying bugs.)

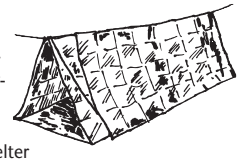
42641 Mosquito Bed-Net $14.95/each

When Everything's At Stake

Our each is a foursome (you get 8 total in your packet) of sturdy red plastic tent stakes, 12" long x 3/4" in a T-shaped profile. Tops have 1/4" dia holes and 1/2" long hooks. Good for holding up tents and killing plastic vampires.

94670 12" Tent Stakes $2.95/pkg(2)

Polyester Pup Tent



Perfect for sheltering polyester pups. Sorry--joke. This 8-foot x 5-foot sheet of silver stretched polyester film comes with a 23-foot length of lightweight rope for making an emergency shelter between two trees, but it's just as useful as a blanket for hikers, campers and marathon runners, post-race. The material is the same stuff they make those party balloons out of. Smart folks keep a sheet of it in the trunk whether they camp or not.

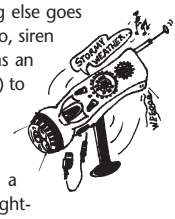
42760 Silver Polyester Sheet $7.75/each

Tube Tent

Tube tents are tubes in the sense that they're one piece, with floors, and can be used as shelters, ground cover or or blankets in emergencies or disasters. This one is bright orange nylon with an aluminized coating on the inside for insulation. Measures 82" x 36". Includes 23 feet of nylon rope for hanging between trees or posts and (4) 9" zinc-plated steel stakes.

94820 Emergency Tube Tent $19.50/each

Emergencies Make Us Cranky



When the lights go out, and everything else goes with them, grab this dynamo light, radio, siren and power source. The am/fm radio has an antenna; the flashlight switches from (1) to (3) LEDs, all through collimating lenses; and there are both a 1/8" headphone jack and a 3.5mm power output jack, plus a 22" USB jumper cord. All this in a packable 7-1/2" long x 2" dia flashlight-shaped unit with a storage battery.

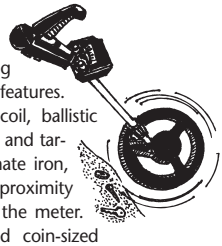
94831 Emergency Dynamo $17.95/each

Bright Lights, Batteries Included

Three bright-white LEDs at one end; a 1" slip ring at the other for hanging on your keys. In between will be a company name and/or logo and/or address, but almost certainly not yours. Measure 2-1/2" long x approx 1/2" dia with a pushbutton and (4) replaceable button-cell batteries.

40401 Mini LED Flashlights $3.95/pkg(2)

Pick Your Metal Detector

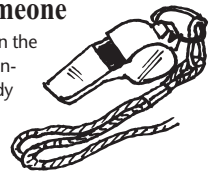


Metal detectors by Bounty Hunter® to fit your needs! The kid-sized Bounty Hunter Junior is 31-1/2" long overall, but loaded with professional features. It includes a 6-1/2" dia detector coil, ballistic meter, controls for power/sensitivity and target elimination (which helps eliminate iron, for example). Also has an audible proximity sensor that works in tandem with the meter. The manufacturer says it will find coin-sized objects up to 5" deep and larger ones up to 2 feet deep. Or move up to the 2.8 lb Bounty Hunter Tracker IV, with a padded arm support and cushioned hand grip, and an overall length that can be adjusted from 45" to 52". Its fully automatic Ground-Trac® constantly adjusts to scan through dirt, rock, wood and mud, and the 8" dia open-face search coil is completely submersible. It has three-mode discrimination (all metal, tone and full); a sensitivity control that filters interference; a large ballistic meter; and an internal speaker that works with or without headphones (not included). It will find small objects up to 8" deep and larger ones up to 3 feet deep. Each comes with a well-written instruction manual, and requires a pair of 9V batteries (not included).

94006 **Metal Detector, Junior** **$59.95/each**
94066 **Metal Detector, Tracker** **$119.95/each**
92297 **9-Volt Alkaline Battery** **$1.95/each**

NEW!

Blow The Whistle On Someone



It doesn't get much more economical in the whistle game. You get a pair of (non-chrome) steel referee whistles already hung on 20" lanyards in blue, green, pink or orange, which are guaranteed to be someone's school colors.

95009 **Referee Whistles** **$3.95/pkg(2)**

Pro–Quality Mini Megaphone

Have a blast at the family picnic or your next traffic jam — or when boating, coaching the soccer team, or calling the kids for dinner. Jobar's lightweight Mega Mite™ Megaphone is only 8–1/2" long, with a 5–1/2" dia horn and a fold–down handle, but its 5–watt power output lets you project up to 165 yards. Volume control, on/off switch, voice/siren option, hi–impact ABS body that's shock and weather resistant. Adjust the nylon strap to hang it from your wrist or around your neck. Uses (4) "C" batteries (not included).

92024 **Megaphone** **$14.95/each**
92295 **"C" Alkaline Battery** **$2.75/each**

Combination Carabiner

This over-sized carabiner provides a little extra security for travelers. Measures 4-1/4" long in aluminum with a 3-dial combination lock to keep it closed, and includes a coiled, lightweight, coated steel cable that's 2 feet long x 1/16" thick. Surplus factor: all unchangeable combinations are 0-0-0, but nobody will know that except you and 325 American Science customers. And besides, this lock is to keep someone from wheeling your suitcase away from the table while you're eating that Cinnabon, not to lock up your Ducati.

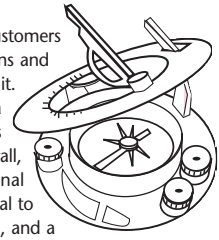
42817 **Combo Carabiner** **$6.50/each**

Glo-Compass

Mount this little, 1-7/8" dia, white ball compass on your dash (via the self-adhesive pad on the bottom) and when you push the ball it lights up with an attractive blue light provided by internal LEDs. Runs on (2) button-cell batteries, included and replaceable.

42719 **Blue-Light Compass** **$3.25/each**

A Working Wonder



If we had a category just for customers who lust after Jules Verne inventions and elegant gadgetry, this would be in it. The wonderful brass sundial, a reproduction of an antique, is approx 3" dia x 11/16" thick overall, and actually works! A latitudinal gauge lets you tilt the engraved dial to the correct angle for your location, and a bubble and three leveling feet allow the 1-1/2" dia lock-down compass to point in the precise direction. And if you never took it out into the sunshine, you'd still love it for the look and logic of it.

92848 **Brass Sundial** **$24.95/each**

Liquid-Filled Compass

More compass than you usually get for the price, this transparent plastic, liquid-filled version is 1-15/16" dia with a black outer ring marked every 5 degrees and knurled for easy turning. Bottom has lines and an arrow for ease of plotting. On a 17" long neck cord.

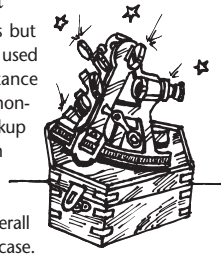
94965 **Liquid Compass** **$4.95/pkg(2)**

Digital Forest Ranger

Don't go in the woods in the 21st century without an electronic forest ranger. The Celestron® TrekGuide™ digital compass shows bearings in degrees due north and (16) cardinal points, and includes a digital barometer, altimeter, temp in F & C, bubble level, time, date and alarm on a backlit screen, plus instructions on calibrating the compass and altimeter. We'll pick one in a yellow, orange or black case, with both wrist and neck straps

94272 **Digital Compass Plus** **$34.95/each**

Beauteous Brass Sextant



Sextants came along after astrolabes but before GPS. (Just like you.) They're used for finding latitude and the distance between objects, and are still the non-electric, non-satellite-dependent backup for navigators. Ours is a beauty in solid brass with glass optical components, at a tiny price. Measures approx 4-5/8" x 4-1/4" x 3-1/4" overall and comes in a very nice wooden case. Includes instructions, which you're going to need unless you went to Annapolis where they still teach it. Handy for learning the principles of how a sextant works, but please don't try to find your way to Bora Bora with it, this one is more decorative than accurate.

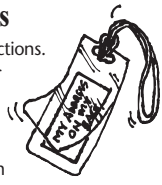
93559 **Beauteous Brass Sextant** **$39.50/each**

Yeti Another First

In a automotive break-through of epic proportions, allow us to introduce the Bigfoot Air Freshener, complete with a little string for hanging from your rear-view mirror. And no, it's not an abominable aroma--it's pine-scented.

94943 Bigfoot Air Freshener $3.50/each

Cold Laminate Luggage Tags



No equipment needed, despite the instructions. Just peel the inside liners, insert your address label or business card, press together to push out any air bubbles and it's a permanent laminated tag. The clear pack has (5) 4-1/2" x 2-1/2" tags, each with a hole punched in one short side to take one of the 6-1/2" long stretchy, transparent plastic loops to attach it to a bag. Skip the luggage loop and these are just handy-dandy, trimmable cold laminators for business cards, photos or any small documents. You get (3) packs for a total of (15) tags.

41034 Laminate Tags $3.75/pkg(3)

Burglars Never Steal Bach

This bookshelf safe looks like a boxed set of (6) CDs, but opens up to a removable flap with a 4-1/4" x 3-3/4" x 2" deep oval compartment to keep your jewels in. Front reads "Brass Classics" and the edge shows Haydn, Bach, Mozart, Vivaldi, Tchaikovsky and Beethoven symphonies and string and piano concertos, which aren't brass classics but very few burglars went to Julliard. Will hold one CD under the cover for added verisimilitude.

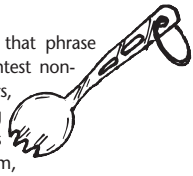
42690 CD Safe $3.75/each

Big Bug Net

Entomologist and janitor alert! Catch butterflies and other bugs (and errant bats) in this oversized, but very collapsible, critter net. The sturdy aluminum handle extends from 18" up to 30" and the removable 14" dia ring folds down to a 11" x 3-1/2" eyebrow shape. The fine-mesh nylon net is conical and a full 36" long. Very nice.

93422 Bug Net $11.95/each

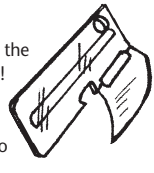
The Ultra-Light Spork



We don't believe we've ever uttered that phrase before, but here it is, the world's lightest non-plastic spork, which matters, campers, when you're toting your flatware, along with your bed, in your backpack. This spork is corrosion-resistant titanium, weighs 1/2 oz, is 6-3/8" long with 3/8" dia hole to hang it from, and sports (4) tines. And you'll never need a plastic spork again.

93888 Titanium Spork $9.95/each

G.I. Can Openers



Newly manufactured P-38 Can Opener from the same folks who supply them to Uncle. It folds! into 1-1/2" x 5/8" flat piece which is easily carried and lost. Reportedly works much better than the Asian knockoffs for those who really want to gain entry to the Spam!

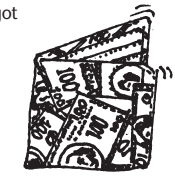
20787 G.I. Can Opener $2.25/pkg(5)

Thwarting Organizer

Thwart international identity thievery with this RFID-blocking travel organizer from ETA™, the Essential Travel Accessory company. Measures 6" x 10" (the organizer, not the company) with myriad slots, pockets and pouches, probably more than you've got stuff to protect. In black nylon, zippered around three sides.

42684 RFID Blocker Travel Wallet $7.50/each

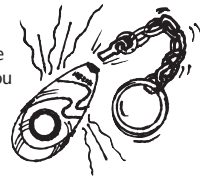
My Cash Is Wrapped in Cash!



This wallet is unmistakable because it's got $100 bills printed all over the outside. Measures 8-1/8" x 3-1/2" x 1/8" when open but it's a billfold, so it folds in half. Like a wallet. Because it actually is a wallet. Inside is white faux pleatherette, but nice, with (2) bill pockets, (6) credit card slots and (2) pockets under the card slots. Nice for Ben Franklin fans and devotees of irony.

42689 Money Wallet $3.75/each

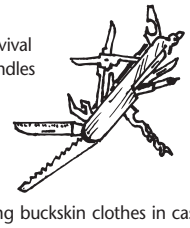
This Is A Little Alarming



Pull the chain on this Helix® key-chain fob and the 100 dB noise will wake the folks in the next block, which is what you want in a personal alarm. You want it to be alarming. Drive safely but also feel safe going to and from your Porsche. Or whatever kind of car you drive. Measures 2-3/4" x 1-1/2" x 3/4" thick in a silver oval.

42696 Personal Alarm $4.95/each

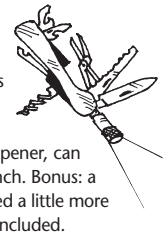
All-Steel Swissish Knife



It's a 10-tool Swissesque military survival knife, but without those red plastic handles to break and fall off. Includes stainless steel 2-1/2" knife blade, flathead driver/bottle opener, saw blade, scissors, can opener, fish scaler/nail set, corkscrew, Phillips driver, awl, nail file and the needle-like thing for making buckskin clothes in case you're lost for years. Has a split ring to hang your keys from.

94837 Steel Knife $2.95/each

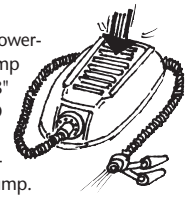
See-'N'-Slice



Sometimes you have to survive in the dark and you'll need this Swissish Army knife with a small LED light (button-cell batteries included) to light up your survival effort. It's got a 2-1/2" blade, saw, scissors, Phillips and flat-head screwdrivers, bottle opener, can opener, file, awl, corkscrew and leather punch. Bonus: a separate 3-1/2" long 9-LED flashlight to shed a little more light on things. And (3) AAA batteries are included.

94798 Knife-N-Light $8.95/each

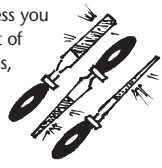
Jump On The Pump



Save your breath with this beach-ball blower-upper. The foot-operated bladder pump measures 8" x 4-5/8" x 2-3/8". It has a 28" long hose and both 3/8" and 1/4" OD nozzles for beach balls, rafts and similar blow-upables. A touch of Vaseline or sun-tan oil will help slip the hose into the pump.

41444 Bladder Pump $4.95/each

Diamonds Are A Boy's Best Friend



Diamond files never wear out, hardly, unless you file diamonds with them. This 10-piece set of diamond files has an assortment of wedges, flats, points and triangle files, all 6" long overall and up 5/16" wide. If you can't find the one you need here, you probably shouldn't file the thing in the first place.

94591 Diamond Files $15.95/each

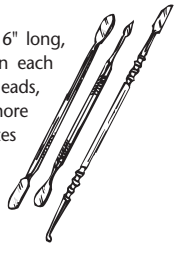
NEW!

You Like To Potter Around?

This 8-piece pottery tool set includes a potter's rib, clay cutter, molder, ribbon, loop, needle, metal scraper and sponge. Nice quality, with all wooden tools and handles in mahogany. Spin that wheel, work your magic.

95006 8-Piece Pottery Tool $9.50/each

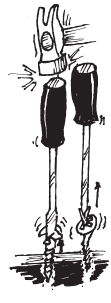
Sculpting Tools



AKA wax carvers. Each tool is about 6" long, stainless steel, with a shaped head on each end. Each set has two smaller arrow heads, two sort of like golf clubs and two more small (1/8"+) "spoons". The smaller sizes mean slightly sharper edges and points, but they are still basically dull. You certainly could use them to model in wax, or in clay, or to sculpt plaster of Paris. Handy and unusual.

89330 Sculpting Tools $3.75/pkg(3)

Screw Removers



She told you not to tighten that screw any farther. Good thing you can whip out your set of (2) 7" screw removers, one slotted and one Phillips. The invaluable tools let you remove those stripped, damaged and broken screws. They have black–plastic contoured handles with metal ends, the better to hammer them into the broken screws. Pound in, twist out. It's a magical thing.

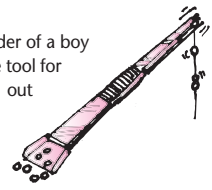
91869 Screw Remover Set $7.95/each

Ratchety Wrench

Call it the adjustable thumb wheel wrench made easy. The Adjustable Rapid Wrench™ is a 10" thumb wheel wrench with a padded handle and a special tooth in the jaw so it ratchets back or forward, which means you don't have to keep taking it off the nut and putting it back on while it keeps getting looser and not fitting so you just have to adjust it all over again, which drives us nuts, too, or did until now. Jaws open to 1-1/2". Plus you get a bonus 4-draw, 18-1/2" long swivel-head magnetic pick-up tool, for when you do the last few turns with your fingers and drop the bolt.

41807 Ratcheting Wrench $6.95/each

Beader Tweezer



Beader Tweezer sounds like the leader of a boy band, but it's really an indispensible tool for stringing beads, as you beaders out there know. Ours is steel and measures 7" long, tapers to 1/16" at the business end and has a 3/4" wide bead scoop at the other.

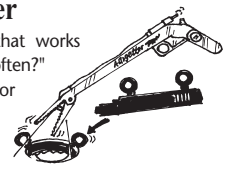
94597 Bead Tweezer $3.95/pkg(2)

The Handier Hatchet

Just 5/32" thick and weighing in at under a pound, this solid steel blade and handle--call it a hand axe or a hatchet--will chop its way into your heart. Measures 11-1/2" long with a 2-3/4" cutting surface, weighs just under 1 lb and has a molded finger-grip handle and a crushing edge opposite the cutting face. Includes a combo cover/belt-loop carrier, so you'll always get a seat on the bus, but it's also great for camping.

94914 Camping Hatchet $12.75/each

Better Get The Alligetter



The Alligetter is a pick-up tool that works much better than "You come here often?" Sorry--joke. This pick-up tool is for getting stuff that's stuck in the garbage disposal, an alternative to having your fingers disposalated. Translucent white plastic with a gator-ish head and 2-1/2" long serrated jaws, a white LED for lighting up the drain, and a clever little device to spread those rubber drain flaps, it folds for storage. Personally, we think it's way too alluring to stick down a drain, and its real future is with imaginative children and invented games. Consider buying some marbles or playing cards. Or mini dinosaurs… Please note, the included (4) AG-3 batteries are getting old, may be corroded and in need of replacing. Check out our battery assortment Button Cell Batteries for low cost replacements. That just the way surplus works sometimes.

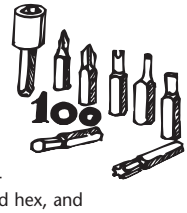
41711 Alligetter $5.95/each

Self-Feeding Needle Noses

Call 'em the florists' friend. This pair of 6-1/2" spring-loaded needle-nose pliers has a cutter halfway down the jaws and a spool of 24 gauge florist wire mounted on one arm that feeds through a hole in one side of the jaw. Pull, wrap, crimp and cut in one smooth motion. Replacement spools may be hard to find (surplus!) but it only takes a minute to rewind standard florist wire on the existing spool. Lot cheaper, too.

42494 Florist Pliers $5.95/each

Attach Anything!



You need this. Anybody who's ever made a third trip to the hardware store on the same day needs this. The (100) -- count 'em, (100) -- chrome vanadium driver and bit attachments include slotted, Phillips, square (Robertson) head, torx, hex and 12-point bits, plus security Phillips, torx and hex, and (4) different driver adapters (one of which, a super-cute cup-hook driver, has us oddly excited). They're all in a flip-top plastic case. How come it's surplus? If you turn it upside down and shake it, some of the bits fall out of their little size-marked slots. So don't do that. Or stick a thin sheet of foam inside it and all will be well.

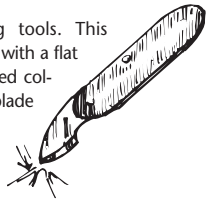
92581 100-Pc Bit Set $13.75/each

Cool Tool

Winner of this week's "What IS That?" award. It's a watch crab, also called a spanner wrench, that's designed to remove the back from watches, lenses from telescopes, and other thin, flat components from whatever they're attached to. Heavy for its size, it's 1" x 2-3/4" x 3/8" thick, with sharp 1/4" prongs projecting from the edge. The prongs move from 2" to 7/16" apart as you spin the furled nut between them. An impressive tool to flash in front of your brother-in-law. If he doesn't read our catalog, he won't have a clue!

91902 Watch Crab $6.25/each

Great Blade



Jewelers have the best looking tools. This ultra–slim knife is 4–1/2" long OA, with a flat metal handle that comes in assorted colors (our choice). The short, broad blade is honed to fit into the slit in a watch case and pop the back off easily. It doesn't fold into itself, but does come in a protective vinyl sleeve for storage. Very sharp.

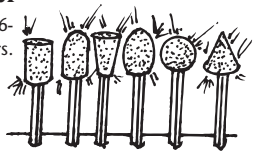
92161 Watch Case Knife $2.25/each

Metal Razor Saw

Precision metal saw of the type usually known as a razor saw. It has a 4–1/2" long x 1" deep blade with very fine teeth and reinforcing down the spine. Complete with plastic handle. Excellent for cutting small metal tubes and strips for hobby work.

88560 Precision Metal Saw $10.45/each

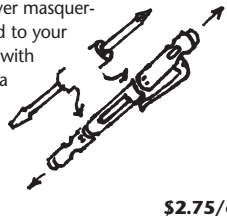
Diamonds Are Forever



So you won't want to lose this 6-piece set of diamond burrs. They're on 1/4" shanks, and are 2-1/4" to 2-3/8" long OA, with approx 1/2" dia heads. The set includes one of each shape: cylinder, round-end cylinder, round, egg, inverse cone and pointed cone. All are #40 grit. Incredibly handy for those tough jobs!

93380 Diamond Burrs $12.95/each

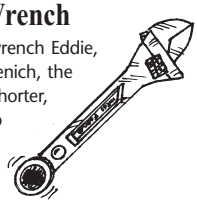
Is That A Pencil In Your Pocket?



This cute little 4-in-1 screwdriver masquerades as a pen or pencil clipped to your pocket. Measures 5-1/4" long with a pocket clip and comes with a #1 Phillips/ 4mm flathead bit combo and a #0 Phillips;/ 3mm flathead bit, both with 3/16" hex shafts.

41930 Pen Driver $2.75/each

Eddie, The Ratcheting Wrench



We're calling this drop-forged steel wrench Eddie, in honor of Eddie (The Wrench) Werenich, the world's greatest curler. This Eddie is shorter, at 9" long with an adjustable Thumb wheel wrench at one end and a 3/8" reversible socket ratchet at the other. Includes a quick-release button. From Illinois Industrial Tool®.

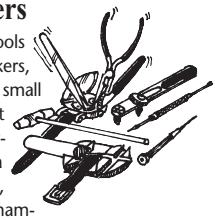
94673 Ratcheting Crescent $11.95/each

Watch Tools

So why do you want this 7–piece watch battery replacement kit? Because it's economical and will pay for itself in short order? Because you're so self–sufficient you would have removed your own appendix if only the E–R physician hadn't been so territorial? Maybe just because you want to poke around inside a clockwork? Whatever the reason, you'll like the jeweler's Phillips screwdriver and knife, the spanner wrench (AKA Watch Crab), prying tool, dust brush and soft–plastic and needlepoint metal tweezers. They're in separate pockets in a plastic carrying case that can be rolled for storage or hung by its grommets. We know you'll like this kit, 'cuz we know what makes our customers tick.

91898 Watch Battery Kit $12.95/each

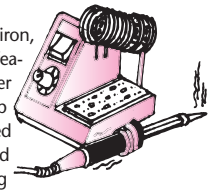
Not Just For Watchmakers



This 16-piece set of watchmaker's tools are just as handy for jewelry-makers, crafters, or anyone else working with small parts. The professional watch-repair kit Includes (2) tiny Phillips-head screwdrivers, (3) diminutive flat-heads, a case knife, non-magnetic tweezers, case wrench, metal/plastic watch hammer, link-pin remover, double-head pin pusher, (3) pin-punches, small needle-nose pliers, and a watchband holding block. Just changing bands and batteries? Get these tools to make it a lot easier, and order a brand-new pack of 30 popular button-size batteries-(6) AG1, (6) AG3, (6) AG4, (3) AG5, (3) AG12, and (6) AG13.

93753 Watch Tools $14.95/each
93824 Assorted Watch Batteries $2.95/each

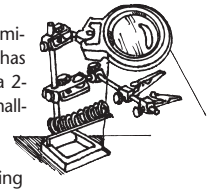
Oh, My Little Solder Boy



A big step up from the basic soldering iron, and much safer, our soldering station features continuously variable power between 5-40W, a 1.5mm pointed tip thin enough to use on surface-mounted components, a 4-foot cord, padded grip, iron holder, built-in cleaning sponge, and a stand-alone controller with a 5-1/2" x 4-1/2" footprint and a power switch. Grip is padded with a 3/16" dia shank. From Stahl Tools™ for hobbyists, do-it-yourselfers and students.

94047 Soldering Station $28.50/each

Need A Hand With That?



You've come to the right place. Our illuminated, magnifying helping hand even has a stand to hold a soldering iron. On a 2-1/4" x 2-1/2" cast iron base with a small-parts well, it has a sliding arm on a ball-joint with (2) alligator clips that move on (2) axes. On a second rotating ball-joint arm is a generous 3-1/4" dia 2X magnifier with a 6X inset lens and a pair of white LEDS. More like (3) helping hands than (1).

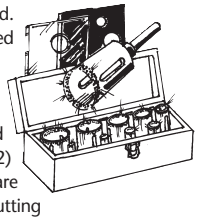
93707 Lighted Helper $11.95/each

Tiny Brushes

Teensy tiny brushes for cleaning teensy tiny tubes, airbrushes, spray guns, tattoo equipment, nozzles, etc. Think miniature bottle brushes. You get a set of (5) brushes: 1/32", 1/16", 3/32", 1/8" and 3/16" dia. All have nylon bristles, are 4" long, and are on a slip ring so you won't lose them.

93983 Tiny Bottle Brushes $2.95/each

Diamond Hole Saws Are Forever



The last set of hole saws you'll ever need. This 10-piece set of diamond-encrusted core drill bits comes in a wooden presentation case (Hey, they've got diamonds on them!) and includes 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-3/8", 1-1/2", 2", and 2-3/8" dia. Shanks are 1/4" except the (2) largest, which are 3/8", and all the bits are slotted to blow out dust. Designed for cutting glass, ceramics, porcelain, ceramic and porcelain tile, limestone, slate, marble, granite, stone, fiberglass and other tough stuff. Don't forget to add water (not included) for lubrication.

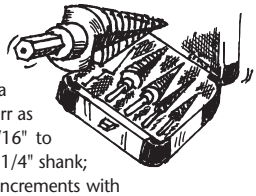
93244 **Boxed Hole Saws** **$59.95/each**

Hole Lot Of Diamonds

You like holes but you never seem to have enough of them. We feel your pain. You can bore all the holes you want with these 80-grit diamond hole saws. They have 1/4" shanks and are 2" long. You get (1) at 1" dia and (1) at 1/2" dia. All you need is your own drill but as a hole lover you've got drills to spare.

94720 **Diamond Hole Saws** **$7.95/each**

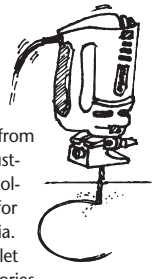
Step Right Up



This 5-piece step drill set are high-speed steel with cobalt coatings, tri-flat 1/4" shanks for a sure grip and two flutes to deburr as they drill. Includes a 6-step, 3/16" to 1/2" in 1/16" increments with a 1/4" shank; a 9-step, 1/4" to 3/4" in 1/16" increments with a 1/4" shank; 10-step, 1/4" to 1-3/8" in 1/8" increments with a 3/8" shank; 12-step, 3/16" to 7/8" in 1/16" increments with a 3/8" shank; and a 13-step, 1/8" to 1/2" in 1/32" increments with a 3/8" shank. Best for drilling thin steel, stainless, copper, aluminum, etc.

94915 **Step Drill Set** **$27.50/each**

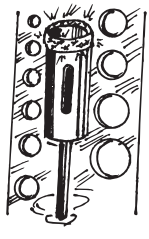
Now Cut That Out!



When a saber saw and a router get jiggy, the offspring is a cut-out saw, capable of things neither parent is good at. Cut-out saws use spiral bits to make precise cuts in drywall, plywood, plastic and laminates. Ours is from Clarke® and has a thumbwheel speed adjustment (15K to 30K rpm), both 1/8 and 1/4" collets, depth-gauge lock, and cutting guides for electrical boxes and circles from 4" to 12" dia. Includes 1/8" and 1/4" drywall bits and a collet wrench, and will accept RotoZip™ accessories. Measures 9-3/8" x 5-3/8" x 3" with a 6-foot power cord.

40195 **Cut-Out Saw** **$19.95/each**

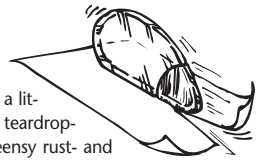
Cut Holes In Diamonds!



This set of (10) diamond hole saws could (extremely theoretically) cut holes in diamonds, but mostly they're for glass, ceramic, marble, slate and tiles. You get 40-grit, diamond-core hole saws at 1/8", 5/32", 13/64", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" and 1/2", all 2-1/2" long with 1/8" shanks.

94812 **Diamond Hole Saw Set** **$19.50/each**

Krazy Like a Foks

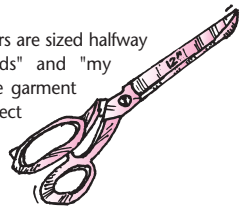


They call it the "Krazy Cutter" and it's going to make your life a whole bunch easier. It's a little 2-3/8" long x 3/16" thick teardrop-shaped paper slicer with a teensy rust- and dullness-proof ceramic blade that magically cuts through paper and plastic. Perfect for clipping newsprint, cutting wrapping paper, and opening deviously sealed packaging, including the heavy stuff if you press a bit. Even CD cases. The krazy part? Won't cut your fingers or anything else. You could run it right over your hand, press down and everything, and nothing. Really. We tried it on some expendable employees. You know what this means? You can take it on airplanes, which further means that when you get to the coast you'll actually be able to open all the packages full of the stuff you sent ahead.

92855 **Krazy Cutter** **$5.50/each**

NEW!

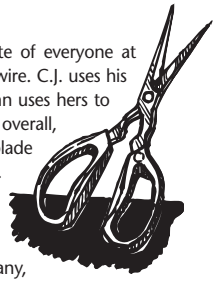
Shear Monsters



These stainless steel tailors' shears are sized halfway between "Edward Scissorhands" and "my grandfather was a cutter in the garment district." At 12" long they're perfect for folks who do a lot of heavy duty snipping or are just tired of wimpy little scissors. And yes, please don't run with them.

95010 **Tailors Shears** **$9.75/each**

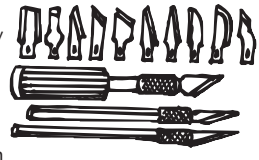
Cut Right To It



This all-purpose scissors is the favorite of everyone at A.S.&S.: Pat uses his to cut and strip wire. C.J. uses his to slit the tape on packages. Mary Ann uses hers to open bags of pretzels. It's 6-1/4" long overall, with a very sharp 2" stainless steel blade and large, comfortable handles. (Colors will vary). It would sell for $9.95 retail if it was new, but it was used for one day to cut cloth in the assembly plant of a major car company, then discarded. Quality control is a wonderful thing.

30457 **Stainless Scissors** **$3.95/each**

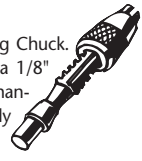
Price Cut



Trying to cut back on hobby expenditures? This incredibly priced utility knife set is x-actly what you need. Standard interchangeable blades and holders, the largest of which has an easy-grip, screwdriver-type handle. Everything is lined up in a fitted plastic box with extra blades magnetically anchored. The 13–piece set has (3) holders, plus assorted blades. The 48–piece set has (7) holders, a wide assortment of blades, (1) tube of glue, and (1) sharpening stone. Very nicely priced. Very sharp.

91927 **Hobby Knives 13 Piece** **$4.95/each**
92264 **Hobby Knives 48 Piece** **$14.95/each**

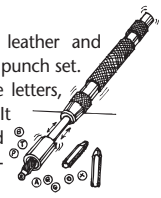
Micro Chuck



A really small guy who lives....Whoops! Wrong Chuck. This one is a drill or rotary tool chuck with a 1/8" shank and fits bit sizes #60-#80 to facilitate handling tools with truly small shanks. Very handy in the modeling and electronics worlds.

89759 **Micro Chuck** **$3.50/each**

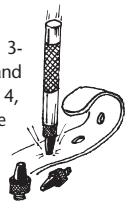
Punchy



Permanently mark soft metals, plastics, leather and wooden items with this excellent 38–piece punch set. Imprint 3/16" characters — 26 uppercase letters, numbers 0-9, a period and an ampersand. It comes with an automated, spring–loaded punch 6–1/2" long, all stowed in a permanent, molded–plastic storage case.

91983 Number/Letter Punch Set $15.95/each

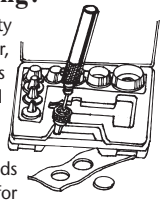
Cow Poke



Our modular leather hole-punch set has a 3-1/2" long carbon-steel knurled handle and screw-on hollow punches at 1.5, 2, 2.5, 3, 4, and 5mm. These, according to our Associate VP for Leather Punching, are much easier to position in line with other holes than those pliers-type punches. Now let out those belts-or make your own wing-tips.

94504 Leather Punch Set $4.50/each

Want To Just Punch Something?



Well, here you go. This very high-quality punch set is made for leather, faux-leather, hardboard, soft wood, paperboard, plastics and soft metals. Includes (9) sharp-edged punches (3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 25/32", 1", 1-1/4") that screw onto the heavy-duty driver. A spring-loaded guide holds the punch 3/16" above the material, ready for you to give it a whack with a hammer or the heel of your hand for a good, clean cut. Comes in a black-plastic carrying case.

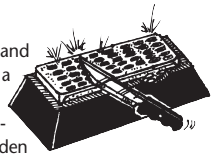
92968 9 Piece Leather Punch $21.95/each

Punch Set

Punch 1/8" to 1/2" holes in leather, balsa wood, etc., with this set of (9) steel punches. The punches, which come in a fitted black-plastic carrying case, are 1/2", 7/16", 25/64", 3/8", 5/16", 1/4", 3/16", 5/32" and 1/8". They are 3-1/4" to 3-3/4" long, with knurled grips, imprinted sizes, and side slots to allow the slugs to fall out.

92282 9-Piece Punch Set $8.95/each

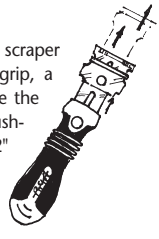
Whet's Your Problem?



Life too dull? You need a whetstone, and this one, while it's not a stone at all, is a big improvement. It's a 4-sided diamond sharpening block, 6" long x 2-1/2" on a side, sitting snugly in a wooden holder with slip-resistant rubber feet. The sides are 200, 300, 400 and 600 grit, so you can work your way up to a razor's edge on knives, chisels, or anything that needs a little edge.

93750 Whetstone $19.95/each

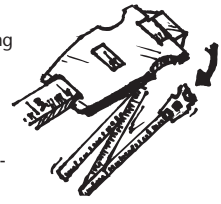
The Better Scraper



Call it the best paint (and label and putty) scraper ever made. Great big nonslip padded grip, a blade holder with a thumbscrew (reverse the blade when not in use), and a 4-draw, push-button extension that takes it from 6-1/2" to 9-1/2" long. Comes with one blade installed and two extra in the handle. The scraper to have when you're scraping more than one window. From IIT®.

94408 Extendable Scraper $4.95/each

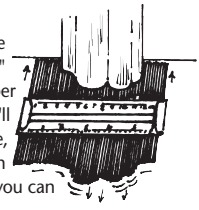
Folding Rule Helper



Traditionalist alert: If you use a folding rule, you need the Sure-Mark™, a handy adapter that slips on the end and lets you mark, scribe or cut accurately without destroying the rule. Fits standard 5/8" wide folding rules. Made in Germany.

42163 Sure-Mark™ $1.95/pkg(3)

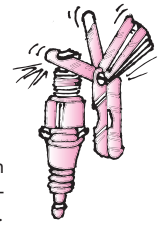
Steel Contour Gauge



Tightly bound, too, so it will keep the shape you use it to mimic. Measures 6" long, with approx (32) 3-1/8" pins per inch. Press them into a contour and they'll hold the shape for transferring to tile, duplicating moldings, etc. Includes an adapter plate so if you buy two gauges you can lock them together for corner angles.

93500 Contour Gauge $7.75/each

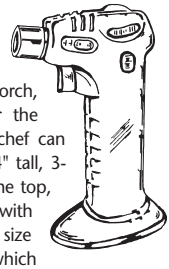
You Feel OK?



Feel better with our AES/metric steel feeler gauge. Has (16) 1-1/2" long blades to measure gaps (ignition points, tappets, plugs, rings, brake pads, like that) from .010"/0.25mm to .035"/0.88mm. Open carefully and keep the back of the package for an inches/mm conversion chart.

42346 Feeler Gauge $3.95/pkg(2)

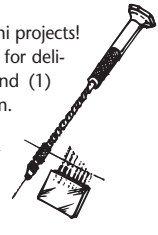
Butane Beauty



It's stylish, it's handy, it has a slightly menacing look to it, and-truth be told-it's a lot of fun. It's a handheld butane torch, great for everyone: in the lab, under the hood, working with circuitry, heck, a chef can even use it to flambé the dessert. 6-1/4" tall, 3-5/8" x 2-1/4" dia base, 3-5/8" long at the top, with a textured grip, push-button start with safety, and air adjustment to control the size of the flame. Easy to fill with butane, which you'll need to do 'cause no fuel is included.

27439 Butane Torch $16.95/each

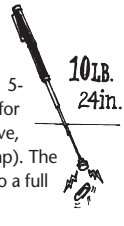
Hobby Drill



A really cool mini drill set for your mini projects! The 7 1/4" long aluminum push drill for delicate work comes with (1) 1/16" and (1) 1/32" collet, and (20) bits that fit them. The bits are #61 through #80, some so needle-thin they could add tear ducts to a fashion doll. They come in a mini case marked with the number and size of each bit in mils.

92548 Push Drill Set $12.50/each

Skinny But Strong Like Bull



Our thinner picker-upper, but with a powerful 5-lb-pull, 9/16" dia magnet on the business end (for spilled nails, the screw that rolled under the stove, or the heavy wrench you dropped into the sump). The 5/16" dia x 5-1/4" long 4-draw barrel extends to a full two feet. Has a convenient pocket clip.

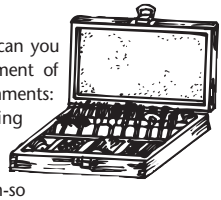
93985 Skinny Picker-Upper $2.95/each

Rotary Diamonds

Cut ceramics, glass, metal and plastics with this set of (2) diamond saw blades for rotary tools. The 1-3/16" dia blades have a diamond-encrusted tip. Includes a 1/8" shank. Everybody's got something that needs cutting, and these blades will do it with precision.

95002 Diamond Blades $5.95/each

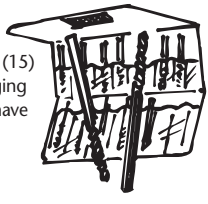
Roto-Cornucopia



All together now, boys and girls, can you say BARGAIN? A bonanza assortment of (100) 1/8" shank rotary tool attachments: wheels, brushes, stones, sanding wheels, buffing pads, and sundry other stuff. All in a nice wooden box with the latch on upside down-so write "top" on the top. Is that why it's here? That, and the cardboard sleeve that tells us to heed an "importan" warning.

36142 Rotary Accessories $13.25/each

Skinny Bits



Skinny mini bits for your mini drill. Our each is a set of (15) high-speed steel drill bits ranging from 1.05 mm to 2 mm. All have 1/16" dia shafts. All fit into marked slots in the compact vinyl storage pouch.

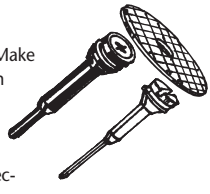
92335 Mini Bits $3.95/each

Diamond Cutoff Wheels

Set of (5) diamond cutoff wheels and a mandrel. The wheels are 13/16" dia, the mandrel 1/8" dia x 1–3/4" long. Made in China, and a great buy. Just the item to complete your Dremel™ type tool kit.

89313 Diamond Cutoff Wheels $8.95/each

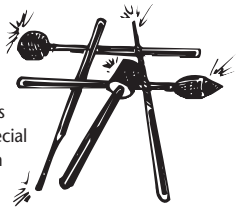
Off With Its Head



Or any other part that sticks out. Make short work of lopping stuff off with this set of (10) 2" dia cut-off wheels, complete with (2) mandrels, (1) a 1/8" hobby size and (1) standard 1/4". Manufacturer recommends a 25K rpm max.

93778 Cut-Off Wheels $12.50/each

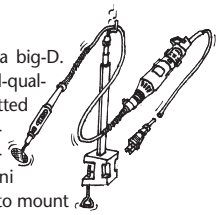
Yeeooowwee!



Diamond point bits that, if used by your dentist would send you through the roof. The assortment of bits includes cylinders, cones (points), balls and a couple of special shapes all in a variety of sizes. In the set of (20), each has 3/32" dia. shank and is about 2–3/4" long OA. In the set of (10), each has a 1/8" dia. shank and is about 1–3/4" long OA, with larger size bit heads. Both come in plastic cases. A craftsperson's delight!!

89137 Diamond Points (20) $7.50/each
91246 Diamond Points (10) $7.95/each

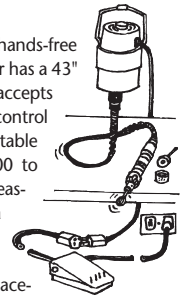
Rotary Tool Set



Not every well-made rotary tool is a big-D. We consider this one not only a good-quality tool, but an excellent buy. The fitted plastic carrying case 12" x 8-1/2" x 3-1/2" contains not only the 120VAC-powered 8,000-30,000 rpm mini grinder, but a stand with a C-clamp to mount it on a bench or table, a 3-ft extension shaft, and a good assortment of bits, grinding stones, cut-off wheels, etc, including collets to fit 1/8" and 1/16" bits. The telescoping stand extends from 10" to almost 22" and holds the tool above your work, while you grind, sand, cut, etc., with the tip of the convenient, easy-to-grip, flexible extension. A nice package, and a very nice gift for yourself, or for anyone who enjoys working with hobby tools.

92283 Rotary Tool w/Stand $34.95/each

The Better Rotary Tool



For bigger, or longer, projects, and hands-free operation. This 1/4-hp flex-shaft grinder has a 43" long flexible shaft, a keyed chuck that accepts bits up to 5/32", a variable-speed control foot-pedal power switch, and a comfortable 1" dia hand grip. The motor runs 500 to 22,000 rpm, operates on 120VAC, measures 3-1/4" dia x 4" long, and has a sturdy hook to hang it from an over-the-bench shelf. Comes in a blow-molded storage case and includes replacement brushes. Intermittent duty.

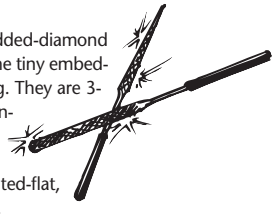
93240 Flex Shaft Drill/Grinder $69.50/each

Small Saws

Stay on the cutting edge with this sharp set of saw blades. The 1–3/4" dia circular blade cuts plastic, particle board, soft metal, etc. The 2" dia and 1–1/4" dia wood blades cut, you guessed it, wood. They each screw onto the 2" shaft with 1/8" mandrel that's included, for a maximum 8000 rpm ride on your power tool.

91891 Saw Blade Set $11.95/each

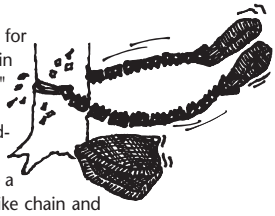
Diamond Files



Here's a set of (5) tiny embedded-diamond files, just in case you have some tiny embedded diamonds that need filing. They are 3-1/8" long OA, with rubber handles. The file portions are 1 mm to 2 mm wide, with assorted pointed-round, pointed-flat, and blunt-flat tips at 150 grit.

92332 Diamond Files $4.95/each

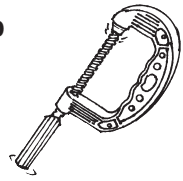
The $10 Chain Saw



No gas or electricity needed for this pocket-sized manual chain saw, the camper's pal. It's 30" long overall, with (82) spring-steel teeth on the 18-1/2" middle section, and canvas loop handles on each end. Imagine a cross between a sharpened bike chain and a garotte. It's easy to use (we tested it), works a whole lot faster than a hatchet, rolls up into no space at all, and stores in the heavy-duty canvas belt pouch that comes with it.

93748 Hand Chain Saw $9.95/each

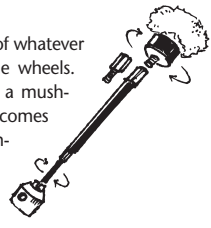
A Kinder, Gentler C-Clamp



Our gentler C-clamp is made of nylon with a stippled swivel head at the end of the thread. The ribbed jaw opens to a maximum of 4". Very sturdy, a fraction of the weight of metal clamps and much less likely to damage the clampee. From ToolMart™.

40981 Nylon C-Clamp $2.75/each

Mushroom Buffer

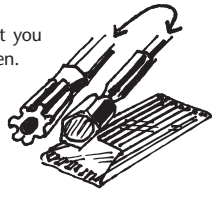


Just the ticket for polishing the insides of whatever needs polishing inside of. Like chrome wheels. The 3" dia buffer is a half-sphere, like a mushroom head, with a 1/4" mandrel. It comes with a metric SAE adapter, another mandrel with an unthreaded 6mm shank, and an 8" long extension arm that you can hold while the shaft spins.

94342 Mushroom Buffer $8.95/each

NEW!

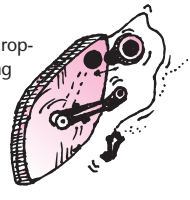
Long-Distance Stars



For those can't-reach screws that you don't want anyone else to loosen. This 10-piece set of star security bits are 6" long and you get sizes T6, 7, 8, 9, 10, 15, 20, 25, 30 and 40 with 1/4" hex shafts to fit your standard electric drill.

95003 Long Star Bits $7.95/each

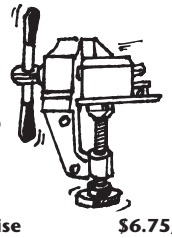
Chalkless Chalk Line



You get a nice, toolbox sized, teardrop-shaped chalk line box with a folding crank and 100 feet of cord. Box measures 5-3/8" x 7/8" x 1-1/8" thick. We'll pick one in red, orange or white. All you add is the chalk, available at your neighborhood hardware store.

42164 Chalkless Line $2.95/pkg(2)

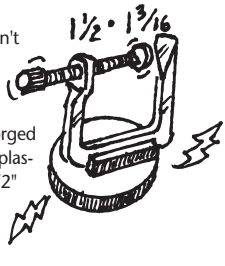
Small But Bitey



Our smallest vise, and arguably our handiest around the house: call it the Jaws of Aluminum. Clamp this small table vise onto a surface up to 3/4" thick and let it be your third hand. The jaws are 1-1/2" wide and open to a maximum of 1-1/1/4".

94243 Aluminum Table Vise $6.75/each

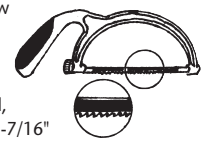
Our Cutest Clamps



These C-clamps are cute but don't be fooled by their looks--they're extremely useful for crafts and light repairs. You pick the 1-1/2" or 1-3/16" jaw. Each is drop-forged steel with a threaded screw and a plastic tip. Each also comes with a 1-1/2" dia plastic base with a magnet embedded on the bottom, allowing the clamp to stand up.

42486 1-1/2" Clamp $1.95/each
42487 1-3/16" Clamp $1.95/each

We Saw A Real Need For This



Even though this hacksaw (really a bow saw) is a handy addition to any large toolbox, we like it because you can nestle it in the bottom of even a small box. The little beauty is 10" x 4" overall, with an enameled aluminum frame, 2-7/16" throat depth, a rubber grip, and hexagonal blade mounts so you can cut at any angle. A 6" 18tpi blade comes in it, but being Boy Scouts who believe in Always Being Prepared, we'd order a set of replacement blades now. The set is a 4-pack of (2) coarse (18tpi) and (2) fine (28tpi) 6" multi-angle blades.

41487 Mini Hacksaw $6.95/each
41582 6" Replacement Blades $2.00/each

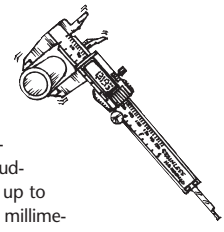
NEW!

Pistol-Grip Driver Set

The 8-1/4" long ratcheting 1/4" driver has a 5-position tilt and storage in the handle. Comes with (9) sockets from 7/32" to 1/2" and a full array (30 total) of flat, Phillips, star and hex bits, plus an extension bit. Has 41 pieces in all for less than a grande peppermint white chocolate mocha. No case, but you probably wouldn't use it anyway.

42905 Ratcheting Driver Set $4.50/each

Digital Calipers



Electronics. The best thing that ever happened to calipers. Save your eyesight and measure accurate outside and inside dimensions with this digital instrument. Powered by an included button-cell battery, it measures up to 6 inches in .001 increments or 155 millimeters in .01 increments. Hardened stainless steel, 9-1/4" x 3" OA, with a locking vernier, it comes with a nice sturdy storage case and extra battery.

93237 Digital Calipers $19.95/each

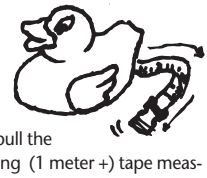
NEW!

Caseless Drill & Driver Set

This new, never-assembled drill and driver set saves you some cash because it doesn't come with a cute little case. You get (2) 2-3/8" long extension bits, carbon and high-strength steel drill bits at 5/32", 3/16", 1/8", 5/16" & 1/4", and driver bits at PH2 x 2, PH3 x 3, POZI 1, 2, 3 and Torx at T15, T20, T25 and T30.

42929 Drill & Driver Set $9.50/each

42-1/2 Inches, Counting The Duck



In answer to our fervent prayers, we have finally found a source for yellow plastic ducks with tape measures inside. Looks like your standard tub-duck, but pull the tab in his nether regions and it's a 40" long (1 meter +) tape measure, graduated in 1/16". The release button is under the duck, which measures 2-1/2" long. And yes, it's called a Duck Tape.

94702 Duck Shaped Tape Measure $2.95/each

Fuse Tape

Our favorite tape for wet and automotive apps. This silicone fuse tape from SuperGlue® is self-fusing, waterproof, air-tight, insulating, UV resistant, flexible and works from -60F to +500F. You get a 30" roll, 1" wide and you pick red or black.

42789 **Black Fuse Tape** **$2.75/each**
42794 **Red Fuse Tape** **$2.75/each**

Tell It To The Marine Epoxy

Sticks when wet. Our Marine Power Poxy® comes in a 1-oz, easy-to-squeeze twin-tube syringe. Sets in 15 minutes, cures in 3 hours and is fully cured in 12 hours. Best for patching boats, pool tiles, spas or plumbing fixtures.

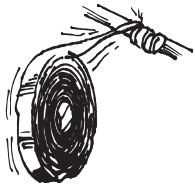
40556 **Marine Power Poxy** **$4.95/each**

Soldering Gun in a Jar

Wire glue-the solution when you can't find the soldering iron, don't want to bother, are out in the woods, don't quite trust a fifth-grader with a hot gun, can't reach the connection with both hands, whatever. This stuff conducts low voltage AC and DC circuits in a permanent bond and is easy to use. Our high-tech support group suggests that a toothpick is a good way to apply it. Cures overnight. Our each is a 0.3 oz/9ml jar.

92838 **Wire Glue** **$4.95/each**

Stretch-N-Stick



This burnt-orange silicone splicing tape is 1" wide x 1/32" thick and you stretch it to make it stick to itself. How does it do this? Nobody knows—there are some things we just have to learn to accept. You get a 30-foot length on a 1" core spool, plenty to do what Pat does, which is to wrap his bats with it.

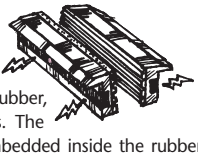
42138 **Silicone Tape** **$9.50/each**

Hot Carving

More artistic than using a router, and much, much less work than carving with chisels: wood-burning is back. Practice your skills with our wood-burning pen set. Easily details and decorates wood, leather and cork. (Also butter if you're very, very quick.) Includes a safety stand, (2) pointed tips, and (2) wedge-shaped tips. For the extra-creative, our set of nibs for the pen adds another (28) points, including a hot plastic and foam cutter, (10) soldering tips, (15) varied wood-burning nibs in assorted shapes and points, and both number and alphabet stencils

91006 **Wood-burning Pen** **$9.95/each**
93676 **Wood-burning Nibs** **$12.95/each**

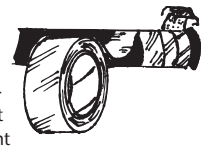
Soft Jaws



Stop wrapping duct tape around your vise, and protect delicate material the right way with this pair of hard-rubber, ribbed pads made to cover the jaws. The pads have (2) rare earth magnets embedded inside the rubber. Made for a 4" vise, they measure 4" long x 1-1/8" high x 3/8" thick with a lip along one long side. The rubber is 3/32" thick.

37275 **Rubber Vise Pads** **$12.50/each**

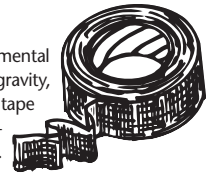
Sticky Metal



Aluminum tape. On a 27-foot roll, 1-7/8" wide x .001" thick. Used to seal ductwork around the world, but particularly handy anywhere actual duct tape isn't moisture- or weather-resistant enough. Heat and light reflective. Also shiny enough for robot costumes and craft applications. Not conductive on the adhesive side.

41224 **Aluminum Tape** **$3.95/pkg(2)**

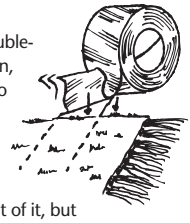
Fifth Force: Duct Tape!



Nuclear physicists speak of five fundamental forces: weak, strong, electromagnetic, gravity, and duct tape. Sizes and colors of duct tape come and go in the world of surplus — right now, we have 2" wide by 60 yd. long rolls on 3" cores, all select seconds or better. We offer you a standard grey color.

23109 **2" Grey Duct Tape** **$3.85/each**

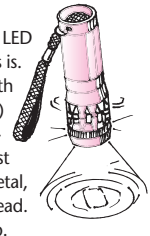
Carpet Tape



Carpet tape is actually uncoated double-sided duct tape, used to stick rugs down, or anywhere you need to stick stuff to other stuff. This roll is 1-1/2" wide x 42 feet long on a 3" core. Beige-ish color, after the backing is peeled off, but it really doesn't matter, since you won't see it (unless you make a prom dress out of it, but then you wouldn't be able to get out of the limo).

94538 **1-1/2" Carpet Tape** **$2.95/each**

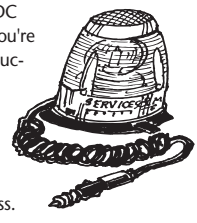
Square Flashlight!



It's a first: this little 4" long x 1" dia 3-watt LED flashlight isn't square, but the beam it throws is. And circular light beams are so 2013. Get with the times with this focusable light that has (3) modes: bright (100 lumens), dim and flashing. When you push the zoom to its tightest setting it lights up a cute little square. All metal, it also has a lighted red ring around its head. Includes (3) "AAA" batteries and a wrist strap.

94884 **Square Beam Light** **$5.95/each**

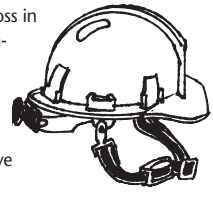
Sticks To The Roof Of Your Mazda



Stick this suction-cup-mounted 12VDC amber safety light on the roof and you're a tow truck. Measures 7" dia at the suction cup x 7" tall x 2-1/2" dia at the top. Draws 4A through the 24" coiled cord that stretches to 8-feet plus, attached to an accessory plug. Spins at approx 60 rpm, voltage-sensitive for speed and brightness.

41891 **12VDC Amber Flasher** **$29.50/each**

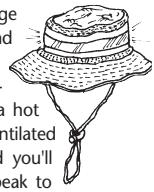
Our Hat Is Harder Than Your Head



The boss always wears white, at least in hard hats, and you're the boss in this white-plastic industrial chapeau. Conforms to ANSI Z89.1 classes E, G and C and adjusts to fit sizes 6-7/8 to 7-3/4. Has a padded headband and chin strap that stores above the brim when not in use.

94343 **Hard Hat** **$7.95/each**

The Orangest Hat In The World



They'll see you coming in this hunter-orange boonie hat with a silver reflective tape around the crown. Measures 14" dia overall, has a chin-strap, and is sized L-XL. Made to be a safety item in non-hard-hat areas, we like it as a hot fashion statement. Floppy, lightweight and ventilated for beach wear. Put these on your kids and you'll never lose them in a crowd. (They won't speak to you, of course, but you won't lose them.)

41082 Really Orange Hat $3.75/each

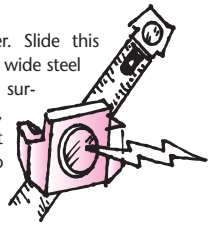
Long Gloves

Not for the opera, these 15" long heavy duty natural latex gloves are more like Wellington boots for your hands. The paw portion is textured so you can get a grip. You pick size 9-Medium, 10-Large, or 11-XL. Sensational price!

42046 Med Latex Gloves $2.95/each
42045 Large Latex Gloves $2.95/each
42026 XL Latex Gloves $2.95/each

NEW!

Tip-Top Tape Tip



We're in love with this little bugger. Slide this neodymium magnetic tip onto your 1" wide steel tape measure and it hangs on to steel surfaces by itself (attention electricians, plumbers & sheet metal workers) plus it has double top tabs so it will hook onto things above it, plus plus (here's the best part) it turns your tape into the longest pick-up tool on the planet.

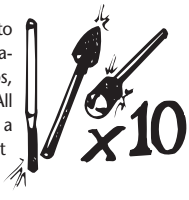
41928 Magnetic Tape Tip $3.95/pkg(2)

Back To Basics

A little bit of a brace. Reduced to its essence, this tool is a handheld crank 4–1/2" long OA. The gears are plastic. The chuck and collet are brass. Accepts bits up to 1mm or 1/32" (not included). The handle doubles as a screw–top compartment for storing bits.

92263 Mini Hand Drill $4.75/each

Bunch of Burs and Bits



Whip any number of small things into shape with our set of (30) assorted diamond burs and bits-cylinders, ball-tips, cones and points in graduated sizes. All with 1/8" shanks and all 180 grit, in a black-plastic case with a clear top. Not the super-expensive grade 3 quality, but these are definitely grade 2 and-are you ready for this?-better than the average bur!

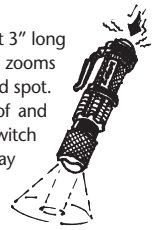
92767 Diamond Burs $9.95/each

Good Tweezers

This set of (6) tweezers is as useful as it looks daunting. The (6) stainless steel tweezers vary in size from 4-1/2" up to 7". Two of the tweezers have serated tips one is inverse, one has a slide latch and the others are straight flat tip. The set comes in a clear front plastic carrying case. Good for model cars, planes or hard to reach splinters.

88366 Stainless Tweezer Set $6.95/each

Extremely Intense Flashlight

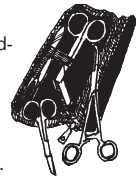


This Cree® R3 LED light is a mighty mite. Just 3" long x 1" dia, you slide the sleeve and the beam zooms from a flood to a don't-stare-into-this focused spot. In black anodized aluminum, it's waterproof and shockproof with a glow-in-the-dark button switch and a pocket clip. Depress the button halfway when it's on and it goes into a rapid-flash mode for emergency signaling. Visible for 200 meters. Five-hour life with the included "AA" battery and a 110K+ hour bulb life.

94661 Zoom Cree LED Light $9.95/each

NEW!

Wound Kit



You don't have to be wounded to use this medical implement kit, it just says that on the bag. You get a 3-side-zipper case in black leatherish vinyl with a 5" bent hemostat, 4-1/2" tweezers, 5-5/8" bandage scissors, 3-5/8" suture scissors and a couple of antiseptic pads.

42944 6-Piece Medical Kit $12.50/each

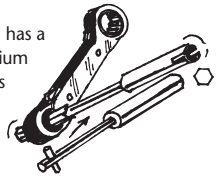
Take The Plunge

Nice big, 60cc/2+ oz, polypropylene syringe is graduated in 5cc and 1/2 oz increments. Plunger has a black rubber gasket and a thumb ring at the top. Measures 6-1/2" long overall with a 1-7/16" x 5/32" ID nozzle with a cap. Handy in the shop, kitchen or craft room for gluing or decorating.

40576 60cc Syringe $4.50/pkg(3)

NEW!

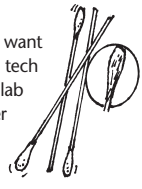
RV Tools



From Power Gear® this set of RV tools has a 6-7/8" long ratcheting chrome vanadium box wrench with 1/2" and 9/16" drives and a two-piece extension arm with a 9/16" hex bolt at one end and 9/16" ID port with 1/2" and 1/4" slots opposite each other.

42892 RV Tools $4.50/each

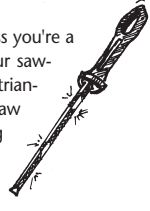
King Of The Cotton Swabs



Super-long Q-type tips are for people who don't want to get too close to their ears. Actually, these are tech swabs with cotton tops and wooden sticks for lab work, so leave your ears out of it. Good for other body parts, though, and for too many craft applications to list. You get (3) packs, for a total of (300) 6-1/4" long fuzzy-topped sticks.

94594 Long Cotton Swabs $3.75/pkg(3)

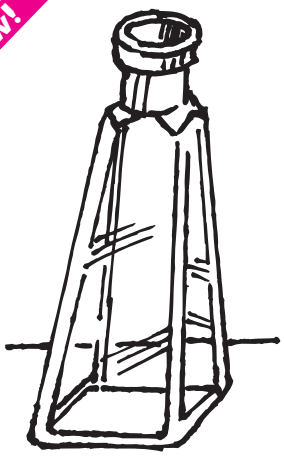
We Saw A File To File A Saw



Sharpen your teeth. On your saw, silly, unless you're a vampire--although who isn't these days? Our saw-file measures 8-3/4" long with a 4-1/2" long triangular file with sides made for sharpening saw teeth. CJ, our Associate VP for sharpening stuff, says "Ignore the label, use a little chalk before filing and keep a wire brush handy for after." Good advice generally, we think.

41929 Saw Tooth File $2.95/pkg(2)

New!

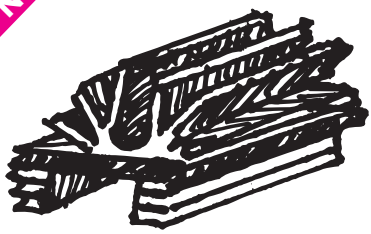


The Lesser Pyramid

Clear glass bottle in a pyramid shape but with a round top. Measures 6-3/4" tall x 2-1/4" square at the bottom tapering to a 1-1/16" dia x 3/4" tall neck with a 3/4" ID mouth. Holds 6 ounces of whatever pourable materials your craft-centric heart desires.

42889 Pyramidical Bottles $3.75/pkg(3)

New!



Aluminum Heat Sinks-R-Us

You pick an aluminum heat sink and your temperature dissipation needs are history. The black one measures 1" square x 5/8" tall with (14) fins in a half pinwheel. The base is slotted to fit over an IC with a 3/32" threaded bore. The 4-fin heat sink measures 1" square x 5/8" on a quartet of 5/8" tall fins and a threaded 3/32" bore. The large one has a 2-1/4" x 2" base and (18) fins approx 1" tall with (2) mounting holes at 3/16" and (2) at 1/4" in the bottom.

95043 Black Heat Sink $2.50/pkg(2)
95044 4-Fin Heat Sink $2.95/pkg(3)
95045 Large Heat Sink $3.85/each

Is That A Dinosaur On Your Wall?

This 17-piece giant T-Rex vinyl puzzle will measure 4 feet x 5 feet when finished and the pieces will adhere and unadhere without damage to any smooth,dry surface. For ages 5 and up, it's easily removed and repositioned, which means your kids can take their dino to college with them when they move out. Made for Animal Planet®.

42915 T-Rex Puzzle New! $24.50/each

Ball-O-Chamois

Goodyear® calls it, redundantly, their Super Dry Natural Drying Ball and it's mighty handy in the glove box, kitchen or shop, although it's really a disc, 4" dia x 2" thick, made of stitched-together small pieces of natural chamois. We love it, but we would have called it the disc-o-goatskin.

42870 Chamois Ball New! $3.50/pkg(2)

Over 90 Great New Items!

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